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L1          3486 S SATELLITE COMMUNICATIONS
L2            84 S L1(P)(LAN)
L3            29 S L2(P)(ROUT? OR TRANSFER? OR TRANSMIT? OR DOWNLOAD?)
L4            44 S (SERVICE PROVIDER)(P)L1
L5             2 S (SERVER)(P)(CLIENTS)(P)(L1)
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=> d 13 1-
YOU HAVE REQUESTED DATA FROM 29 ANSWERS - CONTINUE? Y/(N):y
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L3     ANSWER 1 OF 29  USPATFULL
AN     2002:225430  USPATFULL
TI     Mobile tele-computer network
IN     Clark, Curtis, Beverly Hills, CA, United States
PA     NeTune Communications, Inc., Culver City, CA, United States (U.S.
       corporation)
PI     US 6445777         B1   20020903
AI     US 1998-217682          19981221 (9)
RLI    Continuation-in-part of Ser. No. US 1996-718748, filed on 23 Sep 1996,
       now patented, Pat. No. US 5960074
DT     Utility
FS     GRANTED
LN.CNT 569
INCL   INCLM: 379/088.130
       INCLS: 379/088.170; 379/101.010; 379/102.010; 379/142.150; 379/201.010;
              379/201.050
NCL    NCLM:  379/088.130
       NCLS:  379/088.170; 379/101.010; 379/102.010; 379/142.150; 379/201.010;
              379/201.050
IC     [7]
       ICM: H04M001-64
       ICS: H04M011-00; H04M003-42
EXF    379/88.13; 379/88.17; 379/93.09; 379/93.14; 379/100.12; 379/100.15;
       379/112.09; 379/142.16; 379/185; 379/224; 379/225; 379/310; 379/101.01;
       379/102.01; 379/102.03; 379/142.15; 379/201.01; 379/201.05; 379/265.09;
       379/258; 379/268; 379/269; 370/401; 370/465; 370/466; 370/353; 370/316;
       455/3.2; 455/9; 455/14; 455/54.1; 455/447; 455/12.1; 455/427; 455/428;
       455/456
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L3     ANSWER 2 OF 29  USPATFULL
AN     2002:214906  USPATFULL
TI     Transaction tax settlement in personal communication devices
IN     Wilmes, Robert, Scottsdale, AZ, UNITED STATES
       Bishop, Fred, Glendale, AZ, UNITED STATES
PI     US 2002116302      A1   20020822
AI     US 2002-76337      A1   20020215 (10)
PRAI   US 2001-269108P       20010215 (60)
DT     Utility
FS     APPLICATION
LN.CNT 1291
INCL   INCLM: 705/031.000
       INCLS: 705/417.000
NCL    NCLM:  705/031.000
       NCLS:  705/417.000
IC     [7]
       ICM: G06F017-60
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L3     ANSWER 3 OF 29  USPATFULL
AN     2002:166162  USPATFULL
TI     System and method for adaptive data caching
IN     Perincherry, Vijayakumar, Gaithersburg, MD, UNITED STATES
       Smith, Erik Richard, Encinitas, CA, UNITED STATES
       Conley, Paul Alan, Centreville, VA, UNITED STATES
PI     US 2002087798      A1   20020704
AI     US 2001-778716     A1   20010208 (9)
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RLI      Continuation-in-part of Ser. No. US 2000-711881, filed on 15 Nov 2000,
         PENDING
DT       Utility
FS       APPLICATION
LN.CNT 1220
INCL     INCLM: 711/133.000
         INCLS: 711/167.000
NCL      NCLM:  711/133.000
         NCLS:  711/167.000
IC       [7]
         ICM: G06F013-00


L3    ANSWER 4 OF 29  USPATFULL
AN       2002:165588  USPATFULL
TI       Concatenated audio title
IN       Barile, Steven E., Portland, OR, UNITED STATES
PI       US 2002087224      A1   20020704
AI       US 2000-752611     A1   20001229 (9)
DT       Utility
FS       APPLICATION
LN.CNT 361
INCL     INCLM: 700/094.000
         INCLS: 709/200.000; 381/058.000
NCL      NCLM:  700/094.000
         NCLS:  709/200.000; 381/058.000
IC       [7]
         ICM: G06F017-00
         ICS: G06F015-16


L3    ANSWER 5 OF 29  USPATFULL
AN       2002:161513  USPATFULL
TI       Four-port secure ethernet VLAN switch supporting SNMP and RMON
IN       Specht, Robert J., Morris Plains, NJ, United States
PA       Electronic Data Systems Corporation, Plano, TX, United States (U.S.
         corporation)
PI       US 6414958         B1   20020702
AI       US 1998-201306          19981130 (9)
DT       Utility
FS       GRANTED
LN.CNT 737
INCL     INCLM: 370/395.530
         INCLS: 370/401.000; 705/021.000; 709/249.000
NCL      NCLM:  370/395.530
         NCLS:  370/401.000; 705/021.000; 709/249.000
IC       [7]
         ICM: H04L009-00
EXF      370/389; 370/401; 370/400; 370/463; 370/465; 370/229; 370/230; 370/235;
         370/352; 370/353; 370/354; 370/355; 370/356; 370/395.1; 370/395.53;
         705/21; 705/43; 709/249; 709/250


L3    ANSWER 6 OF 29  USPATFULL
AN       2002:117307  USPATFULL
TI       Method and apparatus for digital image compression using a dynamical
         system
IN       Lafe, Olurinde E., Chesterland, OH, United States
PA       QuikCAT.com, Inc., Mayfield Village, OH, United States (U.S.
         corporation)
PI       US 6393154         B1   20020521
AI       US 2000-518347          20000303 (9)
PRAI     US 1999-166196P    19991118 (60)
DT       Utility
FS       GRANTED
LN.CNT 1149
INCL     INCLM: 382/239.000
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         INCLS: 382/248.000
NCL      NCLM: 382/239.000
         NCLS: 382/248.000
IC       [7]
         ICM: G06K009-36
         ICS: G06K009-46
EXF      382/239; 382/240; 382/245; 382/246; 382/248; 382/251; 706/12-14;
         358/261.1; 358/261.2; 358/427; 358/430; 358/432; 348/395.1; 348/398.1;
         348/403.1; 348/404.1; 348/408.1; 348/437.1; 348/438.1; 341/51; 341/59;
         341/65; 341/67; 341/79; 375/240.02; 375/240.11; 375/240.18; 375/240.19;
         375/240.23


L3      ANSWER 7 OF 29  USPATFULL
AN       2002:111367  USPATFULL
TI       Embeddable corrosion monitoring-instrument for steel reinforced
         structures
IN       Kelly, Robert G., Charlottesville, VA, UNITED STATES
         Ross, Robert A., Charlottesville, VA, UNITED STATES
         Hudson, Josef K., Charlottesville, VA, UNITED STATES
         Jones, Stephen H., Afton, VA, UNITED STATES
PI       US 2002057097     A1    20020516
AI       US 2001-899908    A1    20010706 (9)
PRAI     US 2000-219370P      20000719 (60)
DT       Utility
FS       APPLICATION
LN.CNT 1067
INCL     INCLM: 324/700.000
NCL      NCLM: 324/700.000
IC       [7]
         ICM: G01R027-08


L3      ANSWER 8 OF 29  USPATFULL
AN       2002:109548  USPATFULL
TI       Oscillator, and an oscillator characteristic adjustment method
IN       Otsuki, Terukazu, Nara, JAPAN
         Nakamichi, Masumi, Tenri, JAPAN
         Isoda, Hiroshi, Nara, JAPAN
         Ikeda, Masakazu, Kyoto, JAPAN
PA       Sharp Kabushiki Kaisha, Osaka, JAPAN (non-U.S. corporation)
PI       US 6388535        B1    20020514
AI       US 2000-552620          20000419 (9)
PRAI     JP 1999-111084       19990419
         JP 1999-248984       19990902
DT       Utility
FS       GRANTED
LN.CNT 1075
INCL     INCLM: 331/177.000R
         INCLS: 331/108.000C; 331/108.000D; 331/036.000L; 331/099.000
NCL      NCLM: 331/177.000R
         NCLS: 331/036.000L; 331/099.000; 331/108.000C; 331/108.000D
IC       [7]
         ICM: H03B005-18
EXF      331/96; 331/99; 331/36L; 331/177R; 331/108D; 331/117D; 331/108C; 333/246


L3      ANSWER 9 OF 29  USPATFULL
AN       2002:106605  USPATFULL
TI       Real-time smart mobile device for location information processing
IN       Chou, Yue-Hong, Fountain Valley, CA, UNITED STATES
PI       US 2002055817     A1    20020509
AI       US 2001-27390     A1    20011221 (10)
RLI      Continuation-in-part of Ser. No. US 2000-641302, filed on 18 Aug 2000,
         PENDING
PRAI     US 2000-258409P      20001226 (60)
DT       Utility
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FS      APPLICATION
LN.CNT 1229
INCL    INCLM: 701/207.000
        INCLS: 701/213.000; 342/357.060
NCL     NCLM:  701/207.000
        NCLS:  701/213.000; 342/357.060
IC      [7]
        ICM: G01C021-00


L3      ANSWER 10 OF 29  USPATFULL
AN      2002:103626  USPATFULL
TI      Wireless access unit utilizing adaptive spectrum exploitation
IN      Chuprun, Jeffery Scott, Scottsdale, AZ, United States
        Bergstrom, Chad S., Chandler, AZ, United States
        Tarver, Byron, Chandler, AZ, United States
        Beaudry, Bennett C., Scottsdale, AZ, United States
PA      Motorola, Inc., Schaumburg, IL, United States (U.S. corporation)
PI      US 6385434      B1    20020507
AI      US 1998-153976        19980916 (9)
DT      Utility
FS      GRANTED
LN.CNT 1129
INCL    INCLM: 455/011.100
        INCLS: 455/428.000; 455/430.000
NCL     NCLM:  455/011.100
        NCLS:  455/428.000; 455/430.000
IC      [7]
        ICM: H04B007-10
EXF     455/11.1; 455/12.1; 455/13.1; 455/15; 455/16; 455/20; 455/22; 455/427;
        455/428; 455/429; 455/430; 455/431; 455/62; 455/67.1


L3      ANSWER 11 OF 29  USPATFULL
AN      2002:96691  USPATFULL
TI      Moving image encoding device/method, moving image multiplexing
        device/method, and image transmission device
IN      Mori, Toshiaki, Minoo, JAPAN
        Katta, Noboru, Itami, JAPAN
        Kurosaki, Toshihiko, Kobe, JAPAN
PA      Matsushita Electric Industrial Co., Ltd., Osaka, JAPAN (non-U.S.
        corporation)
PI      US 6381254      B1    20020430
AI      US 1997-967351        19971107 (8)
PRAI    JP 1996-296102    19961108
        JP 1996-347283    19961226
        JP 1997-156289    19970613
        JP 1997-196716    19970723
DT      Utility
FS      GRANTED
LN.CNT 2360
INCL    INCLM: 370/537.000
        INCLS: 375/240.030
NCL     NCLM:  370/537.000
        NCLS:  375/240.030
IC      [7]
        ICM: H04J003-02
EXF     370/369; 370/372; 370/375; 370/537; 370/538; 348/419; 348/405; 348/465;
        348/473; 348/8-10; 375/240; 375/240.01; 375/240.1; 375/240.15;
        375/240.03


L3      ANSWER 12 OF 29  USPATFULL
AN      2002:83989  USPATFULL
TI      Oscillator and an oscillator characteristic adjustment method
IN      Shintani, Jun, Osaka, JAPAN
        Otsuki, Terukazu, Ikoma-gun, JAPAN
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PI      US 2002044022      A1    20020418
AI      US 2001-974791     A1    20011012 (9)
PRAI    JP 2000-311612           20001012
DT      Utility
FS      APPLICATION
LN.CNT  923
INCL    INCLM: 331/100.000
NCL     NCLM:  331/100.000
IC      [7]
        ICM: H03B007-12


L3      ANSWER 13 OF 29  USPATFULL
AN      2002:64929  USPATFULL
TI      Method and apparatus for digital audio generation and coding using a
        dynamical system
IN      Lafe, Olurinde E., Chesterland, OH, United States
PA      Quikcat.com, Inc., Richmond Heights, OH, United States (U.S.
        corporation)
PI      US 6363350         B1    20020326
AI      US 1999-474313           19991229 (9)
DT      Utility
FS      GRANTED
LN.CNT  712
INCL    INCLM: 704/500.000
        INCLS: 704/201.000; 704/221.000
NCL     NCLM:  704/500.000
        NCLS:  704/201.000; 704/221.000
IC      [7]
        ICM: G10L021-00
EXF     704/221; 704/201; 704/200; 704/202; 704/203; 704/500; 704/501; 704/504


L3      ANSWER 14 OF 29  USPATFULL
AN      2002:61775  USPATFULL
TI      Method and system for asymmetric satellite communications for local area
        networks
IN      Mosbarger, Myron, Orem, UT, UNITED STATES
        Thomasson, John K., Sandy, UT, UNITED STATES
PI      US 2002035612      A1    20020321
AI      US 2001-817718     A1    20010326 (9)
RLI     Continuation of Ser. No. US 1997-943544, filed on 3 Oct 1997, GRANTED,
        Pat. No. US 6205473
DT      Utility
FS      APPLICATION
LN.CNT  675
INCL    INCLM: 709/218.000
        INCLS: 709/239.000
NCL     NCLM:  709/218.000
        NCLS:  709/239.000
IC      [7]
        ICM: G06F015-16
        ICS: G06F015-173


L3      ANSWER 15 OF 29  USPATFULL
AN      2002:55636  USPATFULL
TI      Method and system for asymmetric satellite communications for local area
        networks
IN      Mosbarger, Myron, Orem, UT, UNITED STATES
        Thomasson, John K., Sandy, UT, UNITED STATES
PI      US 2002032801      A1    20020314
AI      US 2001-815520     A1    20010323 (9)
RLI     Continuation of Ser. No. US 1997-943544, filed on 3 Oct 1997, GRANTED,
        Pat. No. US 6205473
DT      Utility
FS      APPLICATION
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LN.CNT 676
INCL    INCLM: 709/249.000
        INCLS: 709/203.000
NCL     NCLM:  709/249.000
        NCLS:  709/203.000
IC      [7]
        ICM: G06F015-16


L3    ANSWER 16 OF 29  USPATFULL
AN      2001:182994  USPATFULL
TI      System and method for evaluating work product
IN      Candura, Dan, Braintree, MA, United States
        Gunderson, Dawn, Mahtomedi, MN, United States
        Smythe, Deana, Minneapolis, MN, United States
        Stober, Edward R., JR., Farmington, MN, United States
        Chaya, Jake, Burnsville, MN, United States
        Wright, Gregory J., St. Louis Park, MN, United States
        Appelbaum, Gayle J., Minneapolis, MN, United States
        Carles, David A., Blaine, MN, United States
        Etheridge, Jana, Minneapolis, MN, United States
        Hastings, Daniel D., Hudson, WI, United States
        Osweiler, Debra, Minneapolis, MN, United States
        Jensen, Linne M., Northfield, MN, United States
        Erny, Roger X., St. Louis Park, MN, United States
        Ramsey, Jeffrey S., Shorewood, MN, United States
PI      US 2001032156      A1    20011018
AI      US 2000-731163     A1    20001206 (9)
PRAI    US 1999-169375P       19991207 (60)
DT      Utility
FS      APPLICATION
LN.CNT 866
INCL    INCLM: 705/036.000
        INCLS: 705/035.000; 705/010.000; 705/011.000
NCL     NCLM:  705/036.000
        NCLS:  705/035.000; 705/010.000; 705/011.000
IC      [7]
        ICM: G06F017-60


L3    ANSWER 17 OF 29  USPATFULL
AN      2001:161167  USPATFULL
TI      Method and system for asymmetric satellite communications for local area
        networks
IN      Thomasson, John K. (Jack), Lehi, UT, United States
        Mosbarger, Myron L., Orem, UT, United States
PI      US 2001023435      A1    20010920
AI      US 2000-746438     A1    20001220 (9)
RLI     Continuation of Ser. No. US 1997-943544, filed on 3 Oct 1997, GRANTED,
        Pat. No. US 6205473
DT      Utility
FS      APPLICATION
LN.CNT 676
INCL    INCLM: 709/217.000
        INCLS: 709/218.000; 709/219.000; 709/203.000
NCL     NCLM:  709/217.000
        NCLS:  709/218.000; 709/219.000; 709/203.000
IC      [7]
        ICM: G06F015-16


L3    ANSWER 18 OF 29  USPATFULL
AN      2001:41682  USPATFULL
TI      Method and system for asymmetric satellite communications for local area
        networks
IN      Thomasson, John K., Lehi, UT, United States
        Mosbarger, Myron L., Orem, UT, United States
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PA      Helius Development Corporation, Orem, UT, United States (U.S.
        corporation)
PI      US 6205473          B1    20010320
AI      US 1997-943544            19971003 (8)
DT      Utility
FS      Granted
LN.CNT  683
INCL    INCLM: 709/217.000
        INCLS: 709/203.000; 709/231.000; 370/236.000
NCL     NCLM:  709/217.000
        NCLS:  370/236.000; 709/203.000; 709/231.000
IC      [7]
        ICM: G06F015-16
EXF     395/200.59; 395/200.3; 395/200.76; 395/200.67; 370/236; 370/237;
        370/404; 709/203; 709/229; 709/246; 709/237; 709/217; 709/233; 709/249;
        709/231


L3      ANSWER 19 OF 29   USPATFULL
AN      2001:41346  USPATFULL
TI      Access platform for internet-based telephony
IN      Chinni, Venkata Ramana, Eatontown, NJ, United States
        Gudapati, Krishna, Holmdel, NJ, United States
        Lor, Kar-Wing Edward, Middletown, NJ, United States
PA      Lucent Technologies Inc, Murray Hill, NJ, United States (U.S.
        corporation)
PI      US 6205135          B1    20010320
AI      US 1997-812827            19970306 (8)
DT      Utility
FS      Granted
LN.CNT  616
INCL    INCLM: 370/356.000
        INCLS: 370/354.000; 379/221.000
NCL     NCLM:  370/356.000
        NCLS:  370/354.000; 379/221.010
IC      [7]
        ICM: H04L012-66
EXF     370/352; 370/354; 370/356; 370/522; 370/349; 370/400; 370/401; 379/201;
        379/207; 379/220; 379/221; 379/114; 379/115; 379/130; 379/131; 379/355;
        706/10


L3      ANSWER 20 OF 29   USPATFULL
AN      2000:147390  USPATFULL
TI      Signal processing resource allocation for internet-based telephony
IN      Goeddel, Thomas William, Fair Haven, NJ, United States
        Whang, Kevin K., Marlboro, NJ, United States
PA      Lucent Technologies Inc., Murray Hill, NJ, United States (U.S.
        corporation)
PI      US 6141345                20001031
AI      US 1997-812254            19970306 (8)
DT      Utility
FS      Granted
LN.CNT  611
INCL    INCLM: 370/389.000
        INCLS: 370/352.000; 370/466.000
NCL     NCLM:  370/389.000
        NCLS:  370/352.000; 370/466.000
IC      [7]
        ICM: H04L012-66
        ICS: H04L012-28; H04J003-16
EXF     370/351; 370/352; 370/353; 370/354; 370/355; 370/356; 370/400; 370/401;
        370/402; 370/408; 370/474; 370/466; 370/467; 370/389; 370/392; 370/410;
        375/371; 375/373; 375/354; 379/93.01; 379/93; 379/159; 379/202;
        379/93.08
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L3      ANSWER 21 OF 29   USPATFULL
AN      2000:5294   USPATFULL
TI      Data transmitter/receiver apparatus, data transmitter, data receiver,
        and data compression method
IN      Yamakado, Hitoshi, Suwa, Japan
        Yanagisawa, Noboru, Suwa, Japan
        Takenuki, Jun-ichi, Suwa, Japan
PA      Seiko Epson Corporation, Tokyo, Japan (non-U.S. corporation)
PI      US 6014133              20000111
AI      US 1997-814716          19970311 (8)
PRAI    JP 1996-154674      19960614
DT      Utility
FS      Granted
LN.CNT 1207
INCL    INCLM: 345/199.000
        INCLS: 345/155.000; 705/016.000; 382/165.000
NCL     NCLM:  345/501.000
        NCLS:  345/605.000; 382/165.000; 705/016.000
IC      [6]
        ICM: G09G005-06
EXF     345/112; 345/118; 345/121; 345/152; 345/153; 345/155; 345/501; 345/520;
        345/526; 345/507; 345/509; 345/515; 345/199; 345/202; 364/479.01;
        364/479.02; 364/479.06; 705/16; 705/20-25; 382/162; 382/165; 382/166;
        382/232; 382/244


L3      ANSWER 22 OF 29   USPATFULL
AN      1999:133960   USPATFULL
TI      Spread spectrum communications system
IN      Ishikawa, Hiroyasu, Saitama, Japan
        Shinonaga, Hideyuki, Saitama, Japan
        Kobayashi, Hideo, Tokyo, Japan
PA      Kokusai Denshin Denwa Co., Ltd., Tokyo, Japan (non-U.S. corporation)
PI      US 5974082              19991026
AI      US 1997-958094          19971027 (8)
PRAI    JP 1996-300796      19961028
DT      Utility
FS      Granted
LN.CNT 604
INCL    INCLM: 375/206.000
NCL     NCLM:  375/141.000
IC      [6]
        ICM: H04K001-00
EXF     375/206; 375/208; 375/200; 375/260; 370/441; 370/329; 370/343; 455/500;
        455/509; 455/524


L3      ANSWER 23 OF 29   USPATFULL
AN      1999:107878   USPATFULL
TI      Computer based multimedia medical database management system and user
        interface
IN      Mortimore, William C., Muskego, WI, United States
        Simon, Dwight A., Dousman, WI, United States
        Gray, Michael J., Novato, CA, United States
PA      Merge Technologies Inc., Milwaukee, IL, United States (U.S. corporation)
PI      US 5950207              19990907
AI      US 1997-908901          19970808 (8)
RLI     Continuation of Ser. No. US 1995-384943, filed on 7 Feb 1995, now
        patented, Pat. No. US 5740428
DT      Utility
FS      Granted
LN.CNT 1081
INCL    INCLM: 707/104.000
        INCLS: 707/100.000
NCL     NCLM:  707/104.100
        NCLS:  707/100.000
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IC       [6]
         ICM: G06F017-30
EXF      707/104; 707/100


L3    ANSWER 24 OF 29  USPATFULL
AN       1998:96509  USPATFULL
TI       Telecommunications network management observation and response system
IN       Hershey, Paul C., Manassas, VA, United States
         Stoltzfus, Jeffrey L., Falls Church, VA, United States
PA       Coherent Communications Systems Corp., Leesburg, VA, United States (U.S.
         corporation)
PI       US 5793753              19980811
AI       US 1996-714865         19960917 (8)
DT       Utility
FS       Granted
LN.CNT 392
INCL     INCLM: 370/252.000
NCL      NCLM:  370/252.000
IC       [6]
         ICM: H04J001-16
EXF      370/252; 370/241; 370/245; 370/247; 370/249; 370/254; 370/256; 370/257;
         370/395; 370/389; 370/401; 370/402; 370/404; 370/405; 370/407; 370/408;
         370/464; 370/465; 370/466; 370/467; 370/468; 370/474; 370/477;
         395/200.36; 395/200.64; 395/566; 340/825.03; 340/825.02; 340/825.01


L3    ANSWER 25 OF 29  USPATFULL
AN       1998:43169  USPATFULL
TI       GMD decoding apparatus and a method therefor
IN       Iwamura, Keiichi, Yokohama, Japan
PA       Canon Kabushiki Kaisha, Tokyo, Japan (non-U.S. corporation)
PI       US 5742620              19980421
AI       US 1996-684080         19960719 (8)
PRAI     JP 1995-185448       19950721
DT       Utility
FS       Granted
LN.CNT 896
INCL     INCLM: 371/037.110
         INCLS: 371/037.060
NCL      NCLM:  714/784.000
         NCLS:  714/780.000
IC       [6]
         ICM: H03M013-00
EXF      371/37.06; 371/37.11


L3    ANSWER 26 OF 29  USPATFULL
AN       1998:40796  USPATFULL
TI       Computer based multimedia medical database management system and user
         interface
IN       Mortimore, William C., Muskego, WI, United States
         Simon, Dwight A., Dousman, WI, United States
         Gray, Michael J., Novato, CA, United States
PA       Merge Technologies, Inc., Milwaukee, WI, United States (U.S.
         corporation)
PI       US 5740428              19980414
AI       US 1995-384943         19950207 (8)
DT       Utility
FS       Granted
LN.CNT 846
INCL     INCLM: 395/615.000
         INCLS: 395/611.000; 364/900.000
NCL      NCLM:  707/104.100
         NCLS:  700/090.000; 707/100.000
IC       [6]
         ICM: G06F017-30
```

EXF   395/600; 395/615; 395/611; 364/13; 364/200; 364/413

L3   ANSWER 27 OF 29   USPATFULL
AN   95:99524   USPATFULL
TI   System and method of manufacturing a single book copy
IN   Ross, Harvey M., 787 Cross Creek Dr., St. Louis, MO, United States
        63141
PI   US 5465213   19951107
AI   US 1993-90417   19930712 (8)
RLI   Continuation-in-part of Ser. No. US 1990-558759, filed on 27 Jul 1990,
        now abandoned
DT   Utility
FS   Granted
LN.CNT 1045
INCL   INCLM: 364/468.000
        INCLS: 364/401.000; 270/054.000; 412/013.000
NCL   NCLM: 700/117.000
        NCLS: 270/052.020; 270/052.180; 412/013.000; 705/017.000
IC   [6]
        ICM: G06F019-00
EXF   364/478; 364/401; 364/402; 364/403; 364/DIG.1; 364/DIG.2; 395/101;
        395/103; 395/155; 281/15.1; 283/63.1; 283/67; 283/117; 412/11-13; 270/54

L3   ANSWER 28 OF 29   USPATFULL
AN   95:76646   USPATFULL
TI   Synchronous pulse generator
IN   Scarpa, Carl G., Edison, NJ, United States
PA   Hitachi America, Ltd., Tarrytown, NY, United States (U.S. corporation)
PI   US 5444743   19950822
AI   US 1993-154849   19931118 (8)
DT   Utility
FS   Granted
LN.CNT 876
INCL   INCLM: 375/368.000
        INCLS: 375/354.000; 370/100.100
NCL   NCLM: 375/368.000
        NCLS: 370/503.000; 375/354.000
IC   [6]
        ICM: H04L007-00
EXF   375/116; 375/114; 375/106; 375/108; 375/110; 375/121; 370/100.1;
        370/105.4; 370/106

L3   ANSWER 29 OF 29   USPATFULL
AN   95:2220   USPATFULL
TI   Hitless ultra small aperture terminal satellite communication network
IN   Fernandes, Roosevelt A., Chino Hills, CA, United States
        Krabbe, Kurt P., Bountiful, UT, United States
PA   Southern California Edison Company, Rosemead, CA, United States (U.S.
        corporation)
PI   US 5379320   19950103
AI   US 1993-29897   19930311 (8)
DT   Utility
FS   Granted
LN.CNT 2491
INCL   INCLM: 375/001.000
NCL   NCLM: 375/141.000
IC   [6]
        ICM: H04L009-00
EXF   375/1; 342/352

=> d 14 1-
YOU HAVE REQUESTED DATA FROM 44 ANSWERS - CONTINUE? Y/(N):y

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L4    ANSWER 1 OF 44   USPATFULL
AN      2002:206468  USPATFULL
TI      System for direct communications with a space craft
IN      Jensen, James W., Satellite Beach, FL, UNITED STATES
        Linnihan, Daniel, Richfield, MN, UNITED STATES
        Gardner-Springer, Colin, Golden Valley, MN, UNITED STATES
        Stifter, Amy Lynn, Robbinsdale, MN, UNITED STATES
PI      US 2002111165     A1   20020815
AI      US 2001-29230     A1   20011221 (10)
RLI     Continuation-in-part of Ser. No. US 1999-303844, filed on 3 May 1999,
        GRANTED, Pat. No. US 6400945
PRAI    US 1999-116495P      19990120 (60)
DT      Utility
FS      APPLICATION
LN.CNT 661
INCL    INCLM: 455/430.000
        INCLS: 455/431.000
NCL     NCLM:  455/430.000
        NCLS:  455/431.000
IC      [7]
        ICM: H04Q007-20


L4    ANSWER 2 OF 44   USPATFULL
AN      2002:179542  USPATFULL
TI      Method and system for electronic distribution of product redemption
        coupons
IN      Barnett, Craig W., Princeton, NJ, UNITED STATES
        Reisner, Karen R., South Africa, NJ, UNITED STATES
        Braunstein, Mark, UNITED STATES
PI      US 2002095335     A1   20020718
AI      US 2001-879823    A1   20010612 (9)
RLI     Continuation of Ser. No. US 1995-425185, filed on 19 Apr 1995, GRANTED,
        Pat. No. US 6321208
DT      Utility
FS      APPLICATION
LN.CNT 1077
INCL    INCLM: 705/014.000
NCL     NCLM:  705/014.000
IC      [7]
        ICM: G06F017-60


L4    ANSWER 3 OF 44   USPATFULL
AN      2002:171214  USPATFULL
TI      Wireless packet data distributed communications system
IN      Haugli, Hans-Christian, Rockcliffe Park, CANADA
        Seed, William Robert, Kanata, CANADA
PI      US 2002089956     A1   20020711
AI      US 2002-96492     A1   20020313 (10)
RLI     Continuation of Ser. No. US 1999-430140, filed on 29 Oct 1999, PENDING
        Continuation of Ser. No. US 1996-760208, filed on 4 Dec 1996, GRANTED,
        Pat. No. US 5991279
PRAI    US 1995-8320P        19951207 (60)
        US 1996-18183P       19960523 (60)
DT      Utility
FS      APPLICATION
LN.CNT 1330
INCL    INCLM: 370/335.000
        INCLS: 370/342.000; 370/320.000
NCL     NCLM:  370/335.000
        NCLS:  370/342.000; 370/320.000
IC      [7]
        ICM: H04B007-216


L4    ANSWER 4 OF 44   USPATFULL
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AN        2002:166250  USPATFULL
TI        Global network computers
IN        Ellis, Frampton E., Arlington, VA, UNITED STATES
PI        US 2002087886      A1    20020704
AI        US 2001-935779     A1    20010824 (9)
RLI       Continuation-in-part of Ser. No. US 2000-571558, filed on 16 May 2000,
          PENDING Continuation-in-part of Ser. No. US 1999-315026, filed on 20 May
          1999, PENDING Continuation-in-part of Ser. No. US 1998-213875, filed on
          17 Dec 1998, PENDING Continuation-in-part of Ser. No. US 1997-980058,
          filed on 26 Nov 1997, PENDING Continuation-in-part of Ser. No. US
          1997-980058, filed on 26 Nov 1997, PENDING Continuation-in-part of Ser.
          No. US 1998-85755, filed on 27 May 1998, PENDING Continuation-in-part of
          Ser. No. US 1997-980058, filed on 26 Nov 1997, PENDING
          Continuation-in-part of Ser. No. WO 1997-US21812, filed on 28 Nov 1997,
          UNKNOWN Continuation-in-part of Ser. No. US 1997-980058, filed on 26 Nov
          1997, PENDING Continuation-in-part of Ser. No. US 1998-213875, filed on
          17 Dec 1998, PENDING Continuation-in-part of Ser. No. US 1999-315026,
          filed on 20 May 1999, PENDING Continuation-in-part of Ser. No. US
          1998-85755, filed on 27 May 1998, PENDING Continuation-in-part of Ser.
          No. US 1998-213875, filed on 17 Dec 1998, PENDING
PRAI      US 2001-308826P      20010801 (60)
          US 2000-227660P      20000825 (60)
          US 1999-134552P      19990517 (60)
          US 1999-135851P      19990524 (60)
          US 1999-136759P      19990528 (60)
          US 1999-135852P      19990524 (60)
          US 1999-134552P      19990517 (60)
          US 1998-86516P       19980522 (60)
          US 1998-86588P       19980522 (60)
          US 1998-86948P       19980527 (60)
          US 1998-87587P       19980601 (60)
          US 1998-88459P       19980608 (60)
          US 1997-68366P       19971219 (60)
          US 1997-66415P       19971124 (60)
          US 1997-66313P       19971121 (60)
          US 1996-33871P       19961220 (60)
          US 1996-32207P       19961202 (60)
          US 1996-31855P       19961129 (60)
          US 1997-68366P       19971219 (60)
          US 1997-66415P       19971124 (60)
          US 1997-66313P       19971121 (60)
          US 1996-33871P       19961220 (60)
          US 1996-32207P       19961202 (60)
          US 1996-31855P       19961129 (60)
          US 1997-66313P       19971121 (60)
          US 1997-66415P       19971124 (60)
          US 1997-68366P       19971219 (60)
          US 1998-86588P       19980522 (60)
          US 1998-86516P       19980522 (60)
DT        Utility
FS        APPLICATION
LN.CNT    3234
INCL      INCLM:  713/201.000
          INCLS:  709/223.000
NCL       NCLM:   713/201.000
          NCLS:   709/223.000
IC        [7]
          ICM:  G06F011-30
          ICS:  G06F015-16


L4   ANSWER 5 OF 44  USPATFULL
AN        2002:165769  USPATFULL
TI        Method and system for electronic distribution of product redemption
          coupons
```

```
IN       Barnett, Craig W., Princeton, NJ, UNITED STATES
         Reisner, Karen R., Princeton, NJ, UNITED STATES
         Braunstein, Mark, UNITED STATES
PI       US 2002087405      A1    20020704
AI       US 2001-879825     A1    20010612 (9)
RLI      Continuation of Ser. No. US 1995-425185, filed on 19 Apr 1995, GRANTED,
         Pat. No. US 6321208
DT       Utility
FS       APPLICATION
LN.CNT   1077
INCL     INCLM: 705/014.000
NCL      NCLM:  705/014.000
IC       [7]
         ICM: G06F017-60


L4       ANSWER 6 OF 44  USPATFULL
AN       2002:155597  USPATFULL
TI       Application container for a graphical user environment
IN       Wishoff, Clayton, Foster City, CA, UNITED STATES
PI       US 2002080184      A1    20020627
AI       US 2001-904995     A1    20010713 (9)
PRAI     US 2000-217919P        20000713 (60)
DT       Utility
FS       APPLICATION
LN.CNT   1026
INCL     INCLM: 345/800.000
         INCLS: 345/661.000
NCL      NCLM:  345/800.000
         NCLS:  345/661.000
IC       [7]
         ICM: G09G005-00


L4       ANSWER 7 OF 44  USPATFULL
AN       2002:153661  USPATFULL
TI       Virtual network configuration and management system for satellite
         communications system
IN       Garner, William B., Laytonsville, MD, United States
         Tisdale, William R., Purcellville, VA, United States
PA       Mobile Satellite Ventures LP, Reston, VA, United States (U.S.
         corporation)
PI       US 6411806         B1    20020625
AI       US 2000-611713           20000706 (9)
RLI      Division of Ser. No. US 1997-923534, filed on 4 Sep 1997, now patented,
         Pat. No. US 6112085 Continuation-in-part of Ser. No. WO 1996-US19120,
         filed on 29 Nov 1996
PRAI     US 1995-7742P          19951130 (60)
         US 1995-7749P          19951130 (60)
DT       Utility
FS       GRANTED
LN.CNT   4667
INCL     INCLM: 455/428.000
         INCLS: 455/430.000; 455/012.100
NCL      NCLM:  455/428.000
         NCLS:  455/012.100; 455/430.000
IC       [7]
         ICM: H04Q007-20
EXF      455/428; 455/430; 455/12.1; 455/13.1; 455/13.2; 455/403; 455/410;
         455/411; 455/422; 455/424; 455/425; 455/426; 455/427; 455/429; 455/517;
         455/518; 455/519; 455/524


L4       ANSWER 8 OF 44  USPATFULL
AN       2002:148946  USPATFULL
TI       Method and system for providing satellite communications
IN       LaPrade, James Nicholas, Pleasanton, CA, UNITED STATES
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PA      Space Systems/Loral, Inc. (U.S. corporation)
PI      US 2002077099      A1    20020620
AI      US 2000-739942     A1    20001218 (9)
DT      Utility
FS      APPLICATION
LN.CNT  676
INCL    INCLM: 455/430.000
        INCLS: 455/012.100; 455/427.000
NCL     NCLM:  455/430.000
        NCLS:  455/012.100; 455/427.000
IC      [7]
        ICM: H04Q007-20


L4      ANSWER 9 OF 44   USPATFULL
AN      2002:140001  USPATFULL
TI      Dynamically configurable graphical user environment
IN      Wishoff, Clayton, Foster City, CA, UNITED STATES
        Byrne, Linda, San Ramon, CA, UNITED STATES
PI      US 2002070978      A1    20020613
AI      US 2001-904915     A1    20010713 (9)
PRAI    US 2000-218123P          20000713 (60)
DT      Utility
FS      APPLICATION
LN.CNT  1099
INCL    INCLM: 345/811.000
NCL     NCLM:  345/811.000
IC      [7]
        ICM: G09G005-00


L4      ANSWER 10 OF 44   USPATFULL
AN      2002:127427  USPATFULL
TI      Software application agent interface
IN      Wishoff, Clayton, Foster City, CA, UNITED STATES
        Byrne, Linda, San Ramon, CA, UNITED STATES
PI      US 2002065947      A1    20020530
AI      US 2001-905123     A1    20010713 (9)
PRAI    US 2000-217916P          20000713 (60)
        US 2000-218123P          20000713 (60)
        US 2000-218095P          20000713 (60)
        US 2000-217919P          20000713 (60)
        US 2000-217886P          20000713 (60)
DT      Utility
FS      APPLICATION
LN.CNT  1276
INCL    INCLM: 709/317.000
        INCLS: 709/318.000
NCL     NCLM:  709/317.000
        NCLS:  709/318.000
IC      [7]
        ICM: G06F009-44
        ICS: G06F009-46


L4      ANSWER 11 OF 44   USPATFULL
AN      2002:113893  USPATFULL
TI      Networked subscriber television distribution
IN      Russ, Samuel H., Alpharetta, GA, UNITED STATES
        Lett, David B., Duluth, GA, UNITED STATES
        Robinson, Jonathan A., Norcross, GA, UNITED STATES
        Gaul, Michael A., Lawrenceville, GA, UNITED STATES
PI      US 2002059642      A1    20020516
AI      US 2001-8581       A1    20011113 (10)
PRAI    US 2000-248485P          20001114 (60)
DT      Utility
FS      APPLICATION
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LN.CNT 1697
INCL    INCLM: 725/135.000
        INCLS: 348/731.000; 375/240.000
NCL     NCLM: 725/135.000
        NCLS: 348/731.000; 375/240.000
IC      [7]
        ICM: H04N007-16
        ICS: H04N005-50


L4   ANSWER 12 OF 44  USPATFULL
AN      2002:113643  USPATFULL
TI      Global network computers
IN      Ellis, Frampton E., III, Arlington, VA, UNITED STATES
PI      US 2002059392      A1   20020516
AI      US 2001-884041     A1   20010620 (9)
RLI     Continuation of Ser. No. US 1999-315026, filed on 20 May 1999, PENDING
        Continuation of Ser. No. US 1998-213875, filed on 17 Dec 1998, PENDING
        Continuation-in-part of Ser. No. US 1997-980058, filed on 26 Nov 1997,
        PENDING Continuation-in-part of Ser. No. WO 1997-US21812, filed on 28
        Nov 1997, UNKNOWN Continuation-in-part of Ser. No. US 1998-85755, filed
        on 27 May 1998, PENDING
PRAI    US 1999-134552P      19990517 (60)
        US 1998-86516P       19980522 (60)
        US 1998-86588P       19980522 (60)
        US 1998-86948P       19980527 (60)
        US 1998-87587P       19980601 (60)
        US 1998-88459P       19980608 (60)
        US 1997-68366P       19971219 (60)
        US 1997-66415P       19971124 (60)
        US 1997-66313P       19971121 (60)
        US 1996-33871P       19961220 (60)
        US 1996-32207P       19961202 (60)
        US 1996-31855P       19961129 (60)
        US 1997-68366P       19971219 (60)
        US 1997-66415P       19971124 (60)
        US 1997-66313P       19971121 (60)
        US 1996-33871P       19961220 (60)
        US 1996-32207P       19961202 (60)
        US 1996-31855P       19961129 (60)
DT      Utility
FS      APPLICATION
LN.CNT 2743
INCL    INCLM: 709/208.000
NCL     NCLM: 709/208.000
IC      [7]
        ICM: G06F015-16


L4   ANSWER 13 OF 44  USPATFULL
AN      2002:106756  USPATFULL
TI      Distributed application interface and authentication process
IN      Wishoff, Clayton, Foster City, CA, UNITED STATES
        Werneck, Claudio, Raleigh, NC, UNITED STATES
        Pearce, James Louis, Concord, CA, UNITED STATES
PI      US 2002055968      A1   20020509
AI      US 2001-904932     A1   20010713 (9)
PRAI    US 2000-217886P      20000713 (60)
DT      Utility
FS      APPLICATION
LN.CNT 1086
INCL    INCLM: 709/203.000
NCL     NCLM: 709/203.000
IC      [7]
        ICM: G06F015-16
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L4      ANSWER 14 OF 44   USPATFULL
AN      2002:98130  USPATFULL
TI      Notification device for a graphical user environment
IN      Wishoff, Clayton, Foster City, CA, UNITED STATES
PI      US 2002051017      A1   20020502
AI      US 2001-905086     A1   20010713 (9)
PRAI    US 2000-218095P         20000713 (60)
DT      Utility
FS      APPLICATION
LN.CNT 1025
INCL    INCLM: 345/774.000
NCL     NCLM:  345/774.000
IC      [7]
        ICM: G06F003-00


L4      ANSWER 15 OF 44   USPATFULL
AN      2002:79171  USPATFULL
TI      System, method and applications real-time messaging over HTTP-based
        protocols
IN      Bose, Subhra, Manorville, NY, UNITED STATES
        Stirpe, Paul A., Shoreham, NY, UNITED STATES
PI      US 2002042830      A1   20020411
AI      US 2001-824541     A1   20010402 (9)
PRAI    US 2000-193757P         20000331 (60)
DT      Utility
FS      APPLICATION
LN.CNT 1964
INCL    INCLM: 709/230.000
        INCLS: 709/218.000; 709/204.000
NCL     NCLM:  709/230.000
        NCLS:  709/218.000; 709/204.000
IC      [7]
        ICM: G06F015-16


L4      ANSWER 16 OF 44   USPATFULL
AN      2002:73214  USPATFULL
TI      System and method for utility meter swipecard
IN      Weiner, Steven D., Merrick, NY, UNITED STATES
PI      US 2002040355      A1   20020404
AI      US 2001-915737     A1   20010726 (9)
PRAI    US 2000-237265P         20001002 (60)
DT      Utility
FS      APPLICATION
LN.CNT 823
INCL    INCLM: 705/412.000
NCL     NCLM:  705/412.000
IC      [7]
        ICM: G06F017-00


L4      ANSWER 17 OF 44   USPATFULL
AN      2002:64829  USPATFULL
TI      System and method for a handset-based emergency audible beacon
IN      Gum, Arnold J., San Diego, CA, United States
PA      Qualcomm Incorporated, San Diego, CA, United States (U.S. corporation)
PI      US 6363247         B1   20020326
AI      US 1999-429769          19991028 (9)
DT      Utility
FS      GRANTED
LN.CNT 270
INCL    INCLM: 455/404.000
        INCLS: 455/407.000; 455/425.000; 455/456.000; 455/460.000; 379/037.000;
               379/038.000; 340/539.000
NCL     NCLM:  455/404.000
        NCLS:  340/539.000; 379/037.000; 379/038.000; 455/407.000; 455/425.000;
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                       455/456.000; 455/460.000
IC      [7]
        ICM: H04M011-00
        ICS: H04M011-04; H04Q007-20; H04Q007-00; G08B001-08
EXF     455/400; 455/404; 455/550; 455/567; 455/569; 455/575; 455/421; 455/521;
        455/456; 455/95; 455/96; 455/98; 455/99; 340/539; 340/573.1; 340/321;
        379/37; 379/38; 379/39


L4      ANSWER 18 OF 44   USPATFULL
AN      2002:64389  USPATFULL
TI      Method of detecting tamper of an electric meter
IN      Davis, Glenn A., Lilburn, GA, United States
PA      Comverge Technologies, Inc., Florham Park, NJ, United States (U.S.
        corporation)
PI      US 6362745          B1    20020326
AI      US 2000-568699            20000511 (9)
RLI     Division of Ser. No. US 1997-838307, filed on 15 Apr 1997, now patented,
        Pat. No. US 6118269 Continuation-in-part of Ser. No. US 1997-824433,
        filed on 26 Mar 1997, now patented, Pat. No. US 5898387, issued on 27
        Apr 1999
DT      Utility
FS      GRANTED
LN.CNT  916
INCL    INCLM: 340/637.000
        INCLS: 340/870.020; 340/003.340; 324/110.000
NCL     NCLM:  340/637.000
        NCLS:  324/110.000; 340/870.020
IC      [7]
        ICM: G08B021-00
EXF     340/637; 340/870.02; 340/3.34; 324/110


L4      ANSWER 19 OF 44   USPATFULL
AN      2002:61775  USPATFULL
TI      Method and system for asymmetric satellite communications for local area
        networks
IN      Mosbarger, Myron, Orem, UT, UNITED STATES
        Thomasson, John K., Sandy, UT, UNITED STATES
PI      US 2002035612       A1    20020321
AI      US 2001-817718      A1    20010326 (9)
RLI     Continuation of Ser. No. US 1997-943544, filed on 3 Oct 1997, GRANTED,
        Pat. No. US 6205473
DT      Utility
FS      APPLICATION
LN.CNT  675
INCL    INCLM: 709/218.000
        INCLS: 709/239.000
NCL     NCLM:  709/218.000
        NCLS:  709/239.000
IC      [7]
        ICM: G06F015-16
        ICS: G06F015-173


L4      ANSWER 20 OF 44   USPATFULL
AN      2002:55636  USPATFULL
TI      Method and system for asymmetric satellite communications for local area
        networks
IN      Mosbarger, Myron, Orem, UT, UNITED STATES
        Thomasson, John K., Sandy, UT, UNITED STATES
PI      US 2002032801       A1    20020314
AI      US 2001-815520      A1    20010323 (9)
RLI     Continuation of Ser. No. US 1997-943544, filed on 3 Oct 1997, GRANTED,
        Pat. No. US 6205473
DT      Utility
FS      APPLICATION
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LN.CNT 676
INCL    INCLM: 709/249.000
        INCLS: 709/203.000
NCL     NCLM:  709/249.000
        NCLS:  709/203.000
IC      [7]
        ICM: G06F015-16


L4      ANSWER 21 OF 44   USPATFULL
AN      2002:16218  USPATFULL
TI      METHOD FOR COMMUNICATING SIGNALING MESSAGES THROUGH A BROADBAND NETWORK
IN      HARRIS, JEFFREY MARTIN, CHANDLER, AZ, UNITED STATES
        WOODWARD, ERNEST EARL, CHANDLER, AZ, UNITED STATES
        HOGG, GERALD JAMES, FOUNTAIN HILLS, AZ, UNITED STATES
PI      US 2002009093      A1   20020124
AI      US 1998-32974      A1   19980302 (9)
DT      Utility
FS      APPLICATION
LN.CNT 750
INCL    INCLM: 370/410.000
        INCLS: 370/400.000
NCL     NCLM:  370/410.000
        NCLS:  370/400.000
IC      [7]
        ICM: H04L012-28
        ICS: H04L012-56


L4      ANSWER 22 OF 44   USPATFULL
AN      2002:1932  USPATFULL
TI      Method and system for electronic distribution of product redemption
        coupons
IN      Barnett, Craig W., Princeton, NJ, United States
        Reisner, Karen R., Princeton, NJ, United States
        Braunstein, Mark, Yusef, NY, United States
PA      Brightstreet.com, Cupertino, CA, United States (U.S. corporation)
PI      US 6336099      B1   20020101
AI      US 1998-65545        19980424 (9)
RLI     Continuation of Ser. No. US 1995-425185, filed on 19 Apr 1995
DT      Utility
FS      GRANTED
LN.CNT 1052
INCL    INCLM: 705/014.000
        INCLS: 707/010.000
NCL     NCLM:  705/014.000
        NCLS:  707/010.000
IC      [7]
        ICM: G06F017-60
EXF     705/14; 705/16; 705/20; 705/1; 705/26; 340/825.34; 235/381; 707/3-4;
        707/9-10; 707/100; 707/104; 707/515; 707/526


L4      ANSWER 23 OF 44   USPATFULL
AN      2001:210107  USPATFULL
TI      Method and system for electronic distribution of product redemption
        coupons
IN      Barnett, Craig W., Princeton, NJ, United States
        Reisner, Karen R., Princeton, NJ, United States
        Braunstein, Mark, New York, NY, United States
PA      BrightStreet.com, Inc., Mountain View, CA, United States (U.S.
        corporation)
PI      US 6321208      B1   20011120
AI      US 1995-425185       19950419 (8)
DT      Utility
FS      GRANTED
LN.CNT 865
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INCL    INCLM: 705/014.000
        INCLS: 707/070.000
NCL     NCLM:  705/014.000
        NCLS:  705/070.000
IC      [7]
        ICM: G06F017-60
EXF     364/401; 364/406; 364/408; 395/214; 395/216; 395/220; 395/226;
        340/825.34; 235/381; 705/14; 705/16; 705/20; 705/26; 707/3; 707/10;
        707/4; 707/9; 707/100; 707/104; 707/515; 707/526


L4      ANSWER 24 OF 44   USPATFULL
AN      2001:186266  USPATFULL
TI      Method and system for multicast using a satellite network
IN      Hogg, Gerald James, Fountain Hills, AZ, United States
        Kaya, Mark Hajime, Scottsdale, AZ, United States
        Firestone, Lawrence Mitchell, San Diego, CA, United States
        Hogberg, Shawn Wesley, Chandler, AZ, United States
        Emmons, Jr., Thomas Peter, Mesa, AZ, United States
        Cimet, Israel Arieh, Chandler, AZ, United States
PA      Motorola, Inc., Schaumburg, IL, United States (U.S. corporation)
PI      US 6307861       B1    20011023
AI      US 1999-271701         19990318 (9)
DT      Utility
FS      GRANTED
LN.CNT 450
INCL    INCLM: 370/432.000
        INCLS: 342/357.080
NCL     NCLM:  370/432.000
        NCLS:  342/357.080
IC      [7]
        ICM: H04J003-26
EXF     370/432; 370/310; 370/312; 370/315; 370/316; 370/323; 370/324; 370/325;
        370/328; 370/331; 370/367; 370/390; 370/396; 370/420; 370/492; 370/501;
        455/427; 455/431; 455/436; 455/439; 455/442; 455/11.1; 455/13.1;
        455/13.2; 342/354; 342/356; 342/257.06; 342/357.08; 342/357.12;
        342/357.14; 342/357.15


L4      ANSWER 25 OF 44   USPATFULL
AN      2001:169095  USPATFULL
TI      Fast user terminal position determination in a satellite communications
        system
IN      Dai, Jin, San Diego, CA, United States
PA      Qualcomm Incorporated, San Diego, CA, United States (U.S. corporation)
PI      US 6298238       B1    20011002
AI      US 1998-150077         19980909 (9)
DT      Utility
FS      GRANTED
LN.CNT 890
INCL    INCLM: 455/456.000
        INCLS: 455/012.100; 455/456.000; 342/357.010; 342/357.050
NCL     NCLM:  455/456.000
        NCLS:  342/357.010; 342/357.050; 455/012.100
IC      [7]
        ICM: G01S005-02
        ICS: H04B007-185
EXF     455/12.1; 455/13.2; 455/456; 342/357; 342/357.01; 342/357.06;
        342/357.08; 342/357.05


L4      ANSWER 26 OF 44   USPATFULL
AN      2001:161167  USPATFULL
TI      Method and system for asymmetric satellite communications for local area
        networks
IN      Thomasson, John K. (Jack), Lehi, UT, United States
        Mosbarger, Myron L., Orem, UT, United States
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PI      US 2001023435       A1    20010920
AI      US 2000-746438      A1    20001220 (9)
RLI     Continuation of Ser. No. US 1997-943544, filed on 3 Oct 1997, GRANTED,
        Pat. No. US 6205473
DT      Utility
FS      APPLICATION
LN.CNT  676
INCL    INCLM: 709/217.000
        INCLS: 709/218.000; 709/219.000; 709/203.000
NCL     NCLM:  709/217.000
        NCLS:  709/218.000; 709/219.000; 709/203.000
IC      [7]
        ICM: G06F015-16


L4      ANSWER 27 OF 44  USPATFULL
AN      2001:126513  USPATFULL
TI      Distributed selectable latent fiber optic sensors
IN      Didden, F. Kevin, Wallingford, CT, United States
        Hay, Arthur D., Cheshire, CT, United States
PA      CiDra Corporation, Wallingford, CT, United States (U.S. corporation)
PI      US 6271766          B1    20010807
AI      US 1998-219908            19981223 (9)
DT      Utility
FS      GRANTED
LN.CNT  499
INCL    INCLM: 340/853.100
        INCLS: 340/853.300; 340/854.700; 359/110.000; 359/143.000
NCL     NCLM:  340/853.100
        NCLS:  340/853.300; 340/854.700; 359/110.000; 359/143.000
IC      [7]
        ICM: G01V003-00
EXF     340/825.06; 340/825.07; 340/825.08; 340/825.1; 340/825.15; 340/825.16;
        340/555; 340/531; 340/854.7; 340/853.1; 340/853.3; 340/856.3; 340/853.9;
        340/853.7; 359/142-144; 359/110; 250/227.14; 250/227.22


L4      ANSWER 28 OF 44  USPATFULL
AN      2001:104898  USPATFULL
TI      ASYMMETRIC DATA ACCESS SCHEME
IN      LIN, JIE, DEVON, Great Britain
        DRISCOLL, RICHARD JOHN, DEVON, Great Britain
        EDWARDS, KEITH, DEVON, Great Britain
PI      US 2001006517       A1    20010705
AI      US 1997-962287      A1    19971031 (8)
DT      Utility
FS      APPLICATION
LN.CNT  1028
INCL    INCLM: 370/348.000
        INCLS: 370/447.000
NCL     NCLM:  370/348.000
        NCLS:  370/447.000
IC      [7]
        ICM: H04B007-212
        ICS: H04L012-413


L4      ANSWER 29 OF 44  USPATFULL
AN      2001:94442  USPATFULL
TI      Apparatus and method for delivering key information of a channel request
        message from a user terminal to a network
IN      Noerpel, Anthony, Lovettsville, VA, United States
        Joshi, Chandra, Gaithersburg, MD, United States
        Demers, Stephanie, Rockville, MD, United States
PA      Hughes Electronics Corporation, El Segundo, CA, United States (U.S.
        corporation)
PI      US 6249677          B1    20010619
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AI      US 1999-247849            19990211 (9)
PRAI    US 1998-110278P    19981130 (60)
DT      Utility
FS      GRANTED
LN.CNT  785
INCL    INCLM: 455/427.000
        INCLS: 455/012.100; 455/013.400; 370/316.000; 370/318.000
NCL     NCLM:  455/427.000
        NCLS:  370/316.000; 370/318.000; 455/012.100; 455/013.400
IC      [7]
        ICM: H04Q007-20
EXF     455/427; 455/12.1; 455/13.2; 455/434; 455/515; 455/3.2; 370/316;
        370/318; 370/321; 370/337; 370/341; 375/356; 375/357; 375/368


L4      ANSWER 30 OF 44   USPATFULL
AN      2001:89009   USPATFULL
TI      Method and system for electronic distribution of product redemption
        coupons
IN      Barnett, Craig W., Princeton, NJ, United States
        Reisner, Karen R., Princeton, NJ, United States
        Braunstein, Mark, New York, NY, United States
PI      US 2001001145     A1    20010510
AI      US 2001-754378    A1    20010105 (9)
RLI     Continuation of Ser. No. US 1995-425185, filed on 19 Apr 1995, PENDING
DT      Utility
FS      APPLICATION
LN.CNT  1074
INCL    INCLM: 705/014.000
NCL     NCLM:  705/014.000
IC      [7]
        ICM: G06F017-60


L4      ANSWER 31 OF 44   USPATFULL
AN      2001:83903   USPATFULL
TI      Priority and preemption service system for satellite related
        communication using central controller
IN      Garner, William B., Laytonsville, MD, United States
PA      AMSC Subsidiary Corporation, Reston, VA, United States (U.S.
        corporation)
PI      US 6243580        B1    20010605
AI      US 1999-448921          19991123 (9)
RLI     Continuation of Ser. No. US 1998-22877, filed on 12 Feb 1998, now
        patented, Pat. No. US 6098307 Continuation-in-part of Ser. No. US
        1997-923534, filed on 4 Sep 1997, now patented, Pat. No. US 6112085
        Continuation-in-part of Ser. No. WO 1996-US19120, filed on 29 Nov 1996
PRAI    US 1995-7748P      19951130 (60)
        US 1995-7742P      19951130 (60)
        US 1995-7749P      19951130 (60)
DT      Utility
FS      Granted
LN.CNT  6251
INCL    INCLM: 455/428.000
        INCLS: 455/012.100
NCL     NCLM:  455/428.000
        NCLS:  455/012.100
IC      [7]
        ICM: H04Q007-20
EXF     455/12.1; 455/13.1; 455/13.2; 455/403; 455/410; 455/411; 455/414;
        455/422; 455/424; 455/425; 455/426; 455/427; 455/428; 455/429; 455/430;
        455/517; 455/524; 455/62; 455/63; 455/67.1; 455/560; 370/316


L4      ANSWER 32 OF 44   USPATFULL
AN      2001:37805   USPATFULL
TI      Use of reference phone in point-to-point satellite communication system
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IN      Schindall, Joel, Poway, CA, United States
        Brock, J. Kurt, Mountain View, CA, United States
PA      Globalstar L. P., San Jose, CA, United States (U.S. corporation)
        Space Systems/Loral, Inc., Palo Alto, CA, United States (U.S.
        corporation)
PI      US 6201961        B1    20010313
AI      US 1996-710286          19960913 (8)
DT      Utility
FS      Granted
LN.CNT 774
INCL    INCLM: 455/430.000
        INCLS: 455/526.000; 455/427.000; 455/069.000; 370/316.000; 342/352.000
NCL     NCLM:  455/430.000
        NCLS:  342/352.000; 370/316.000; 455/069.000; 455/427.000; 455/526.000
IC      [7]
        ICM: H04Q007-20
EXF     455/526; 455/427; 455/428; 455/430; 455/445; 455/12.1; 455/13.4;
        455/13.1; 455/522; 455/69; 455/550; 455/575; 370/316; 370/318; 370/349;
        342/352; 342/355; 342/356; 342/358


L4    ANSWER 33 OF 44  USPATFULL
AN      2000:158542  USPATFULL
TI      Satellite based high bandwidth data broadcast
IN      Yee, David Moon, Scottsdale, AZ, United States
        Bickley, Robert Henry, Paradise Valley, AZ, United States
        Zucarelli, Philip John, Glendale, AZ, United States
        Keller, Theodore W., Scottsdale, AZ, United States
        Osman, Jeff S., Scottsdale, AZ, United States
        Derr, Randall K., Phoenix, AZ, United States
PA      Motorola, Inc., Schaumburg, IL, United States (U.S. corporation)
PI      US 6151497              20001121
AI      US 1998-22828          19980212 (9)
DT      Utility
FS      Granted
LN.CNT 455
INCL    INCLM: 455/430.000
        INCLS: 455/427.000; 455/012.100
NCL     NCLM:  455/430.000
        NCLS:  455/012.100; 455/427.000
IC      [7]
        ICM: H04Q007-20
EXF     455/430; 455/427; 455/12.1; 370/316; 380/49; 380/21


L4    ANSWER 34 OF 44  USPATFULL
AN      2000:143007  USPATFULL
TI      Accurate range and range rate determination in a satellite
        communications system
IN      Dai, Jin, San Diego, CA, United States
        Levanon, Nadav, Ramat-Gan, Israel
        Ames, Bill, Poway, CA, United States
        Victor, Ed, Louisville, CO, United States
        Determan, Jim, Encinitas, CA, United States
PA      Qualcomm Incorporated, San Diego, CA, United States (U.S. corporation)
PI      US 6137441              20001024
AI      US 1998-150500         19980909 (9)
DT      Utility
FS      Granted
LN.CNT 811
INCL    INCLM: 342/357.160
        INCLS: 342/357.050; 342/418.000; 455/427.000
NCL     NCLM:  342/357.160
        NCLS:  342/357.050; 342/418.000; 455/427.000
IC      [7]
        ICM: H04B007-185
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        ICS: G01S005-02
EXF     342/357.16; 342/357.05; 342/418; 455/427


L4    ANSWER 35 OF 44   USPATFULL
AN      2000:139673  USPATFULL
TI      Automated method for electronic software distribution
IN      Alexander, Marc A., Clackamas, OR, United States
        Feldkamp, Gerald B., Beaverton, OR, United States
        Strathern, Bernard R, Beaverton, OR, United States
PA      CCComplete, Inc., Portland, OR, United States (U.S. corporation)
PI      US 6134593              20001017
AI      US 1997-941643         19970930 (8)
DT      Utility
FS      Granted
LN.CNT 663
INCL    INCLM: 709/229.000
        INCLS: 709/225.000; 709/219.000; 709/300.000; 705/054.000; 705/044.000;
               705/026.000; 705/039.000; 717/011.000; 713/200.000; 713/201.000;
               713/202.000
NCL     NCLM:  709/229.000
        NCLS:  705/026.000; 705/039.000; 705/044.000; 705/054.000; 709/219.000;
               709/225.000; 713/200.000; 713/201.000; 713/202.000; 717/175.000
IC      [7]
        ICM: G06F015-16
        ICS: G06F015-173
EXF     709/229; 709/300; 709/219; 714/48; 714/38; 714/25; 714/35; 714/200;
        370/261; 705/54; 705/55; 705/18; 705/26; 713/159; 713/165; 713/200;
        340/825.31; 380/23


L4    ANSWER 36 OF 44   USPATFULL
AN      2000:121909  USPATFULL
TI      Electric meter tamper detection circuit for sensing electric meter
        removal
IN      Davis, Glenn A., Lilburn, GA, United States
PA      Comverge Technologies, Inc., Florham Park, NJ, United States (U.S.
        corporation)
PI      US 6118269              20000912
AI      US 1997-838307         19970415 (8)
RLI     Continuation-in-part of Ser. No. US 1997-824433, filed on 26 Mar 1997,
        now patented, Pat. No. US 5898387, issued on 27 Apr 1999
DT      Utility
FS      Granted
LN.CNT 940
INCL    INCLM: 324/110.000
        INCLS: 340/870.020; 340/637.000
NCL     NCLM:  324/110.000
        NCLS:  340/637.000; 340/870.020
IC      [7]
        ICM: G01R021-06
EXF     340/870.02; 340/661; 340/637; 324/110


L4    ANSWER 37 OF 44   USPATFULL
AN      2000:115109  USPATFULL
TI      Virtual network configuration and management system for satellite
        communication system
IN      Garner, William B., Laytonsville, MD, United States
        Tisdale, William R., Purcellville, VA, United States
PA      AMSC Subsidiary Corporation, Reston, VA, United States (U.S.
        corporation)
PI      US 6112085              20000829
AI      US 1997-923534         19970904 (8)
RLI     Continuation-in-part of Ser. No. WO 1996-US19120, filed on 29 Nov 1996
PRAI    US 1995-7742P          19951130 (60)
        US 1995-7749P          19951130 (60)
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DT      Utility
FS      Granted
LN.CNT 5026
INCL    INCLM:  455/428.000
        INCLS:  455/430.000
NCL     NCLM:   455/428.000
        NCLS:   455/430.000
IC      [7]
        ICM: H04B007-185
EXF     455/12.1; 455/13.1; 455/13.2; 455/403; 455/410; 455/411; 455/422;
        455/424; 455/425; 455/426; 455/427; 455/428; 455/429; 455/430; 455/517;
        455/518; 455/519; 455/524; 455/525; 455/62; 455/63; 455/67.1


L4    ANSWER 38 OF 44   USPATFULL
AN      2000:55088   USPATFULL
TI      Priority and preemption service system for satellite related
        communication using central controller
IN      Garner, William B., Laytonsville, MD, United States
PA      AMSC Subsidiary Corporation, Reston, VA, United States (U.S.
        corporation)
PI      US 6058307              20000502
AI      US 1998-22877           19980212 (9)
RLI     Continuation-in-part of Ser. No. US 1997-923534, filed on 4 Sep 1997
        which is a continuation-in-part of Ser. No. WO 1996-US19120, filed on 29
        Nov 1996
PRAI    US 1995-7748P           19951130 (60)
        US 1995-7742P           19951130 (60)
        US 1995-7749P           19951130 (60)
DT      Utility
FS      Granted
LN.CNT 6287
INCL    INCLM:  455/428.000
        INCLS:  455/012.100
NCL     NCLM:   455/428.000
        NCLS:   455/012.100
IC      [7]
        ICM: H04Q007-20
EXF     455/12.1; 455/13.1; 455/13.2; 455/403; 455/410; 455/411; 455/414;
        455/422; 455/424; 455/425; 455/426; 455/427; 455/428; 455/429; 455/430;
        455/517; 455/524; 455/62; 455/63; 455/67.1; 455/560; 370/316


L4    ANSWER 39 OF 44   USPATFULL
AN      2000:16382   USPATFULL
TI      Method for accounting for user terminal connection to a satellite
        communications system
IN      Monte, Paul A., San Jose, CA, United States
        Wiedeman, Robert A., Los Altos, CA, United States
        Sites, Michael J., Fremont, CA, United States
PA      Globalstar L.P., San Jose, CA, United States (U.S. corporation)
PI      US 6023606              20000208
AI      US 1997-819048          19970317 (8)
RLI     Continuation of Ser. No. US 1995-474443, filed on 7 Jun 1995, now
        patented, Pat. No. US 5664006, issued on 2 Sep 1997
DT      Utility
FS      Granted
LN.CNT 1091
INCL    INCLM:  455/013.100
        INCLS:  455/013.400; 455/405.000; 455/408.000; 455/427.000
NCL     NCLM:   455/013.100
        NCLS:   455/013.400; 455/405.000; 455/408.000; 455/427.000
IC      [6]
        ICM: H04B007-185
EXF     455/408; 455/430; 455/405; 455/427; 455/13.1; 455/13.4; 370/320
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L4      ANSWER 40 OF 44   USPATFULL
AN      1999:152376  USPATFULL
TI      Wireless packet data distributed communications system
IN      Haugli, Hans-Christian, Rockcliffe Park, Canada
        Seed, William Robert, Kanata, Canada
PA      Vistar Telecommunications Inc., Ottawa, Canada (non-U.S. corporation)
PI      US 5991279              19991123
AI      US 1996-760208          19961204 (8)
PRAI    US 1995-8320P       19951207 (60)
        US 1996-18138P      19960529 (60)
DT      Utility
FS      Granted
LN.CNT 1543
INCL    INCLM: 370/311.000
        INCLS: 370/318.000; 370/320.000; 370/321.000; 370/324.000; 370/342.000;
               370/347.000; 370/349.000; 370/350.000; 375/200.000; 455/013.200;
               455/013.400; 455/038.300; 455/343.000
NCL     NCLM:  370/311.000
        NCLS:  340/007.340; 370/318.000; 370/320.000; 370/321.000; 370/324.000;
               370/342.000; 370/347.000; 370/349.000; 370/350.000; 375/130.000;
               455/013.200; 455/013.400; 455/343.000
IC      [6]
        ICM: H04B007-212
        ICS: H04B007-216; H04J003-06; H04J013-02
EXF     370/311-314; 370/319-322; 370/335; 370/337; 370/342; 370/347; 370/349;
        370/442; 370/443; 370/445; 370/447; 370/461; 370/462; 370/318; 370/350;
        342/352; 342/354; 342/358; 342/361; 375/200; 375/206; 455/12.1;
        455/13.1; 455/13.2; 455/13.3; 455/38.3; 455/427; 455/428; 455/430;
        455/434; 455/507; 455/515; 455/343; 455/13.4

L4      ANSWER 41 OF 44   USPATFULL
AN      1999:70331  USPATFULL
TI      Method of improving efficiency of radio channel usage in overlapping
        coverage areas
IN      Haugli, Hans-Christian, Rockcliffe Park, Canada
        Seed, William Robert, Kanata, Canada
PA      Vistar Telecommunications Inc., Ottawa, Canada (non-U.S. corporation)
PI      US 5914944              19990622
AI      US 1996-760207          19961204 (8)
PRAI    US 1995-8320P       19951207 (60)
        US 1996-18138P      19960529 (60)
DT      Utility
FS      Granted
LN.CNT 811
INCL    INCLM: 370/320.000
        INCLS: 370/321.000; 370/354.000; 471/038.100; 471/039.100; 455/013.100
NCL     NCLM:  370/320.000
        NCLS:  370/321.000; 370/354.000; 455/013.100; 714/761.000; 714/762.000
IC      [6]
        ICM: G06F011-00
        ICS: H04B007-185; H04B007-216; H04J013-02
EXF     370/319; 370/320; 370/321; 370/335; 370/337; 370/342; 370/347; 370/349;
        370/445; 370/447; 370/461; 370/462; 370/312; 370/313; 370/314; 342/352;
        342/353; 342/354; 342/358; 342/361; 371/37.01; 371/38.1; 371/39.1;
        375/200; 455/12.1; 455/13.1; 455/13.2; 455/13.3; 455/427; 455/428;
        455/430; 455/434; 455/507; 455/515

L4      ANSWER 42 OF 44   USPATFULL
AN      1999:51194  USPATFULL
TI      Modular meter based utility gateway enclosure
IN      Davis, Glenn A., Lilburn, GA, United States
        Walz, David K., Stone Mountain, GA, United States
PA      Scientific-Atlanta, Inc., Norcross, GA, United States (U.S. corporation)
PI      US 5898387              19990427
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AI      US 1997-824433           19970326 (8)
DT      Utility
FS      Granted
LN.CNT  836
INCL    INCLM: 340/870.020
        INCLS: 340/870.030; 340/870.110; 340/637.000; 370/401.000; 379/106.030;
               455/090.000
NCL     NCLM:  340/870.020
        NCLS:  340/637.000; 340/870.030; 340/870.110; 370/401.000; 379/106.030;
               455/090.000
IC      [6]
        ICM: G08B023-00
EXF     340/637; 340/870.02; 340/870.03; 340/870.06; 340/870.11; 340/825.06;
        370/241; 370/401; 370/403; 395/200.8; 455/74; 455/90; 455/128; 455/556;
        455/557; 379/106.01; 379/106.03


L4      ANSWER 43 OF 44   USPATFULL
AN      1998:86795   USPATFULL
TI      System for and method of authenticating a client
IN      Akiyama, Ryota, Kawasaki, Japan
        Munakata, Akio, Kawasaki, Japan
        Koga, Yuzuru, Kawasaki, Japan
        Ishizaki, Masayuki, Kawasaki, Japan
PA      Fujitsu Limited, Kawasaki, Japan (non-U.S. corporation)
PI      US 5784464               19980721
AI      US 1996-594895           19960131 (8)
PRAI    JP 1995-108408      19950502
DT      Utility
FS      Granted
LN.CNT  1247
INCL    INCLM: 380/025.000
        INCLS: 380/021.000; 395/187.010
NCL     NCLM:  713/155.000
        NCLS:  380/277.000; 713/185.000; 713/201.000
IC      [6]
        ICM: H04L009-00
        ICS: H04K001-00
EXF     380/21; 380/23; 380/24; 380/25; 395/187.01


L4      ANSWER 44 OF 44   USPATFULL
AN      97:79267   USPATFULL
TI      Method for accounting for user terminal connection to a satellite
        communications system
IN      Monte, Paul A., San Jose, CA, United States
        Wiedeman, Robert A., Los Altos, CA, United States
        Sites, Michael J., Fremont, CA, United States
PA      Globalstar L.P., San Jose, CA, United States (U.S. corporation)
PI      US 5664006               19970902
AI      US 1995-474443           19950607 (8)
DT      Utility
FS      Granted
LN.CNT  934
INCL    INCLM: 455/405.000
        INCLS: 370/320.000; 455/009.000; 455/427.000; 455/456.000
NCL     NCLM:  455/405.000
        NCLS:  370/320.000; 455/009.000; 455/427.000; 455/456.000
IC      [6]
        ICM: H04Q007-38
EXF     379/58; 379/60; 370/95.1; 455/9


=> d 15 1-
YOU HAVE REQUESTED DATA FROM 2 ANSWERS - CONTINUE? Y/(N):y
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L5      ANSWER 1 OF 2   USPATFULL
AN      2002:103809   USPATFULL
TI      System for selectively routing data via either a network that supports
        Internet protocol or via satellite transmission network based on size of
        the data
IN      Willis, Dean, Richardson, TX, United States
        Howser, Jim, Richardson, TX, United States
        Garrity, Marty, Richardson, TX, United States
        Heneghan, Jack, Colorado Springs, CO, United States
PA      MCI Communications Corporations, Washington, DC, United States (U.S.
        corporation)
PI      US 6385647        B1    20020507
AI      US 1997-912052          19970818 (8)
DT      Utility
FS      GRANTED
LN.CNT 1164
INCL    INCLM: 709/217.000
NCL     NCLM:  709/217.000
IC      [7]
        ICM: G06F013-00
EXF     709/238; 709/230; 709/231; 709/235; 709/237; 709/200; 709/201; 709/203;
        709/217; 709/218; 709/219; 714/748


L5      ANSWER 2 OF 2   USPATFULL
AN      2000:139673   USPATFULL
TI      Automated method for electronic software distribution
IN      Alexander, Marc A., Clackamas, OR, United States
        Feldkamp, Gerald B., Beaverton, OR, United States
        Strathern, Bernard R, Beaverton, OR, United States
PA      CCComplete, Inc., Portland, OR, United States (U.S. corporation)
PI      US 6134593               20001017
AI      US 1997-941643           19970930 (8)
DT      Utility
FS      Granted
LN.CNT 663
INCL    INCLM: 709/229.000
        INCLS: 709/225.000; 709/219.000; 709/300.000; 705/054.000; 705/044.000;
               705/026.000; 705/039.000; 717/011.000; 713/200.000; 713/201.000;
               713/202.000
NCL     NCLM:  709/229.000
        NCLS:  705/026.000; 705/039.000; 705/044.000; 705/054.000; 709/219.000;
               709/225.000; 713/200.000; 713/201.000; 713/202.000; 717/175.000
IC      [7]
        ICM: G06F015-16
        ICS: G06F015-173
EXF     709/229; 709/300; 709/219; 714/48; 714/38; 714/25; 714/35; 714/200;
        370/261; 705/54; 705/55; 705/18; 705/26; 713/159; 713/165; 713/200;
        340/825.31; 380/23
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L1        2280 S SATELLITE/TI
L2           5 S (L1) AND (SERVER(P)CLIENTS)
L3        1973 S L1 AND (ROUT? OR DOWNLOAD? OR TRANSFER? OR TRANSMIT?)
L4         284 S L3 AND (SERVER OR PROVIDER)
L5          58 S L4 AND (UP-LINK OR DOWN-LINK)

=> d 12 1-
YOU HAVE REQUESTED DATA FROM 5 ANSWERS - CONTINUE? Y/(N):y

L2     ANSWER 1 OF 5   USPATFULL
AN     2002:220523  USPATFULL
TI     Multiple dynamic connectivity for satellite communications
       systems
IN     Chang, Donald C.D., Thousand Oaks, CA, UNITED STATES
       Lim, Wah L., New Port Beach, CA, UNITED STATES
       Chang, Ming U., Rancho Palos Verdes, CA, UNITED STATES
PI     US 2002118654      A1   20020829
AI     US 2001-839851     A1   20010420 (9)
PRAI   US 2001-266685P       20010205 (60)
DT     Utility
FS     APPLICATION
LN.CNT 505
INCL   INCLM: 370/316.000
       INCLS: 370/401.000
NCL    NCLM:  370/316.000
       NCLS:  370/401.000
IC     [7]
       ICM: H04B007-185


L2     ANSWER 2 OF 5   USPATFULL
AN     2002:103809  USPATFULL
TI     System for selectively routing data via either a network that supports
       Internet protocol or via satellite transmission network based
       on size of the data
IN     Willis, Dean, Richardson, TX, United States
       Howser, Jim, Richardson, TX, United States
       Garrity, Marty, Richardson, TX, United States
       Heneghan, Jack, Colorado Springs, CO, United States
PA     MCI Communications Corporations, Washington, DC, United States (U.S.
       corporation)
PI     US 6385647         B1   20020507
AI     US 1997-912052          19970818 (8)
DT     Utility
FS     GRANTED
LN.CNT 1164
INCL   INCLM: 709/217.000
NCL    NCLM:  709/217.000
IC     [7]
       ICM: G06F013-00
EXF    709/238; 709/230; 709/231; 709/235; 709/237; 709/200; 709/201; 709/203;
       709/217; 709/218; 709/219; 714/748


L2     ANSWER 3 OF 5   USPATFULL
AN     2002:42099  USPATFULL
TI     Satellite positioning reference system and method
IN     Moeglein, Mark, Fremont, CA, UNITED STATES
       Sheynblat, Leonid, Belmont, CA, UNITED STATES
       Krasner, Norman F., San Carlos, CA, UNITED STATES
PI     US 2002024461      A1   20020228
       US 6411254         B2   20020625
AI     US 2001-835924     A1   20010410 (9)
RLI    Continuation of Ser. No. US 1998-67407, filed on 28 Apr 1998, UNKNOWN
DT     Utility
FS     APPLICATION
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LN.CNT 1227
INCL    INCLM: 342/357.100
NCL     NCLM:  342/357.010
        NCLS:  342/357.090; 342/357.100; 701/215.000
IC      [7]
        ICM: G01S005-14


L2    ANSWER 4 OF 5  USPATFULL
AN      2001:52664  USPATFULL
TI      Satellite positioning reference system and method
IN      Moeglein, Mark, Fremont, CA, United States
        Sheynblat, Leonid, Belmont, CA, United States
        Krasner, Norman F., San Carlos, CA, United States
PA      SnapTrack, Inc., San Jose, CA, United States (U.S. corporation)
PI      US 6215441        B1    20010410
AI      US 1998-67407           19980428 (9)
RLI     Continuation-in-part of Ser. No. US 1997-842559, filed on 15 Apr 1997
DT      Utility
FS      Granted
LN.CNT 1252
INCL    INCLM: 342/357.010
        INCLS: 342/357.090; 342/357.100; 701/215.000
NCL     NCLM:  342/357.010
        NCLS:  342/357.090; 342/357.100; 701/215.000
IC      [7]
        ICM: H04B007-185
        ICS: G01S005-02
EXF     342/357.01; 342/357.03; 342/357.1; 342/357.09; 701/215


L2    ANSWER 5 OF 5  USPATFULL
AN      2000:154271  USPATFULL
TI      Method and apparatus for limiting access to satellite
        communication signals
IN      Perry, Jack, Cedar Rapids, IA, United States
        Cechota, David J., Cedar Rapids, IA, United States
        Franken, Kenneth A., Iowa City, IA, United States
        McCurry, Martha S., Cedar Rapids, IA, United States
        Moubarak, Toufic T., Iowa City, IA, United States
PA      Decisionmark Corp., Cedar Rapids, IA, United States (U.S. corporation)
PI      US 6147642            20001114
AI      US 1998-92128         19980605 (9)
DT      Utility
FS      Granted
LN.CNT 452
INCL    INCLM: 342/357.150
        INCLS: 342/357.060
NCL     NCLM:  342/357.150
        NCLS:  342/357.060
IC      [7]
        ICM: G01S005-02
        ICS: H04B007-185
EXF     342/357.06; 342/357.09; 342/357.1; 342/357.15; 342/357.16; 455/12.1;
        455/272; 455/131


=> d 15 1-
YOU HAVE REQUESTED DATA FROM 58 ANSWERS - CONTINUE? Y/(N):y

L5    ANSWER 1 OF 58  USPATFULL
AN      2002:225530  USPATFULL
TI      Method and system for remote diagnostics of a satellite
        receiver
IN      Middeke, Michael B., Jefferson, MD, United States
        Scott, Michael J., Ijamsville, MD, United States
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         Armstrong, Richard L., Gaithersburg, MD, United States
         Guzman, Jorge H., Damascus, MD, United States
PA       Hughes Electronics Corporation, El Segundo, CA, United States (U.S.
         corporation)
PI       US 6445907        B1   20020903
AI       US 1999-285950         19990402 (9)
PRAI     US 1998-81918P      19980416 (60)
DT       Utility
FS       GRANTED
LN.CNT 795
INCL     INCLM: 455/226.100
         INCLS: 455/012.100; 455/067.100
NCL      NCLM: 455/226.100
         NCLS: 455/012.100; 455/067.100
IC       [7]
         ICM: H04B017-00
EXF      455/3.02; 455/226.1; 455/12.1; 455/423; 455/424; 455/425; 455/427;
         455/67.1; 348/563; 348/564


L5   ANSWER 2 OF 58  USPATFULL
AN       2002:225366  USPATFULL
TI       Broadcast rate control allocation (BRCA) for congestion avoidance in
         satellite ATM networks
IN       Iuoras, Augustin, Pierrefonds, CANADA
         Takats, Peter, Ile Perrot, CANADA
         Di Girolamo, Rocco, Montreal, CANADA
         Wibowo, Eko A., Ottawa, CANADA
PA       EMS Technologies Canada, Limited, Quebec, CANADA (non-U.S. corporation)
PI       US 6445707        B1   20020903
AI       US 1999-295377         19990421 (9)
DT       Utility
FS       GRANTED
LN.CNT 2423
INCL     INCLM: 370/395.430
         INCLS: 370/232.000
NCL      NCLM: 370/395.430
         NCLS: 370/232.000
IC       [7]
         ICM: H04L012-56
EXF      370/237; 370/321; 370/347; 370/395; 370/442; 370/477; 370/229; 370/230;
         370/231; 370/232; 370/235; 370/234; 370/395.43; 342/352; 342/353;
         342/456


L5   ANSWER 3 OF 58  USPATFULL
AN       2002:197866  USPATFULL
TI       Ethernet digital storage (EDS) card and satellite transmission
         system including faxing capability
IN       Roberts, Roswell R., III, San Diego, CA, UNITED STATES
         Lerner, Ian, La Jolla, CA, UNITED STATES
         Teschmacher, Lowell E., Carlsbad, CA, UNITED STATES
PI       US 2002105955     A1   20020808
AI       US 2001-990731    A1   20011113 (9)
RLI      Continuation-in-part of Ser. No. US 1999-425118, filed on 22 Oct 1999,
         PENDING Continuation-in-part of Ser. No. US 1999-287200, filed on 3 Apr
         1999, GRANTED, Pat. No. US 6160797
PRAI     US 2000-248072P     20001113 (60)
DT       Utility
FS       APPLICATION
LN.CNT 1563
INCL     INCLM: 370/401.000
         INCLS: 725/105.000
NCL      NCLM: 370/401.000
         NCLS: 725/105.000
IC       [7]
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ICM: H04L012-28

L5   ANSWER 4 OF 58 USPATFULL
AN   2002:188822 USPATFULL
TI   System and method for facilitating component management in a multiple
        vendor **satellite** communications network
IN   Jacobson, Jeffrey R., Bethesda, MD, United States
        Nau, Ronald, Sterling, VA, United States
        Swanson, Scott, Columbia, MD, United States
        Abutaleb, Moe G., Potomac, MD, United States
        Megel, David J., Gaithersburg, MD, United States
        Crichton, James C., Rockville, MD, United States
PA   Innovative Communications Technologies, Inc., Gaithersburg, MD, United
        States (U.S. corporation)
PI   US 6426959   B1   20020730
AI   US 1999-252087   19990218 (9)
RLI   Continuation of Ser. No. US 1999-235490, filed on 22 Jan 1999
PRAI   US 1998-72852P   19980120 (60)
        US 1998-75101P   19980218 (60)
DT   Utility
FS   GRANTED
LN.CNT 1750
INCL   INCLM: 370/468.000
        INCLS: 370/316.000; 370/329.000
NCL   NCLM: 370/468.000
        NCLS: 370/316.000; 370/329.000
IC   [7]
        ICM: H04J003-24
        ICS: H04B007-208
EXF   370/310; 370/315; 370/316; 370/320; 370/321; 370/322; 370/324; 370/327;
        370/328; 370/329; 370/465; 370/466; 370/468; 709/223; 709/226; 709/229;
        709/310; 455/7; 455/9

L5   ANSWER 5 OF 58 USPATFULL
AN   2002:153661 USPATFULL
TI   Virtual network configuration and management system for
        satellite communications system
IN   Garner, William B., Laytonsville, MD, United States
        Tisdale, William R., Purcellville, VA, United States
PA   Mobile Satellite Ventures LP, Reston, VA, United States (U.S.
        corporation)
PI   US 6411806   B1   20020625
AI   US 2000-611713   20000706 (9)
RLI   Division of Ser. No. US 1997-923534, filed on 4 Sep 1997, now patented,
        Pat. No. US 6112085 Continuation-in-part of Ser. No. WO 1996-US19120,
        filed on 29 Nov 1996
PRAI   US 1995-7742P   19951130 (60)
        US 1995-7749P   19951130 (60)
DT   Utility
FS   GRANTED
LN.CNT 4667
INCL   INCLM: 455/428.000
        INCLS: 455/430.000; 455/012.100
NCL   NCLM: 455/428.000
        NCLS: 455/012.100; 455/430.000
IC   [7]
        ICM: H04Q007-20
EXF   455/428; 455/430; 455/12.1; 455/13.1; 455/13.2; 455/403; 455/410;
        455/411; 455/422; 455/424; 455/425; 455/426; 455/427; 455/429; 455/517;
        455/518; 455/519; 455/524

L5   ANSWER 6 OF 58 USPATFULL
AN   2002:148946 USPATFULL
TI   Method and system for providing **satellite** communications

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IN      LaPrade, James Nicholas, Pleasanton, CA, UNITED STATES
PA      Space Systems/Loral, Inc. (U.S. corporation)
PI      US 2002077099      A1    20020620
AI      US 2000-739942     A1    20001218 (9)
DT      Utility
FS      APPLICATION
LN.CNT  676
INCL    INCLM: 455/430.000
        INCLS: 455/012.100; 455/427.000
NCL     NCLM:  455/430.000
        NCLS:  455/012.100; 455/427.000
IC      [7]
        ICM: H04Q007-20


L5      ANSWER 7 OF 58   USPATFULL
AN      2002:142234  USPATFULL
TI      Method and apparatus for selectively retrieving information from a
        source computer using a terrestrial or satellite interface
IN      Dillon, Douglas M., Gaithersburg, MD, UNITED STATES
        Gupta, Vivek, Gaithersburg, MD, UNITED STATES
PI      US 2002073225      A1    20020613
AI      US 2001-54681      A1    20011113 (10)
RLI     Continuation of Ser. No. US 2000-512269, filed on 24 Feb 2000, PATENTED
        Continuation of Ser. No. US 1998-216576, filed on 18 Dec 1998, PATENTED
        Division of Ser. No. US 1997-797505, filed on 7 Feb 1997, PATENTED
        Continuation-in-part of Ser. No. US 1994-257670, filed on 8 Jun 1994,
        ABANDONED
DT      Utility
FS      APPLICATION
LN.CNT  1171
INCL    INCLM: 709/233.000
        INCLS: 709/235.000
NCL     NCLM:  709/233.000
        NCLS:  709/235.000
IC      [7]
        ICM: G06F015-16


L5      ANSWER 8 OF 58   USPATFULL
AN      2002:103809  USPATFULL
TI      System for selectively routing data via either a network that
        supports Internet protocol or via satellite transmission
        network based on size of the data
IN      Willis, Dean, Richardson, TX, United States
        Howser, Jim, Richardson, TX, United States
        Garrity, Marty, Richardson, TX, United States
        Heneghan, Jack, Colorado Springs, CO, United States
PA      MCI Communications Corporations, Washington, DC, United States (U.S.
        corporation)
PI      US 6385647         B1    20020507
AI      US 1997-912052           19970818 (8)
DT      Utility
FS      GRANTED
LN.CNT  1164
INCL    INCLM: 709/217.000
NCL     NCLM:  709/217.000
IC      [7]
        ICM: G06F013-00
EXF     709/238; 709/230; 709/231; 709/235; 709/237; 709/200; 709/201; 709/203;
        709/217; 709/218; 709/219; 714/748


L5      ANSWER 9 OF 58   USPATFULL
AN      2002:99281  USPATFULL
TI      System and method for mobility management for a satellite
        based packet data system
```

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IN      Ravishankar, Channasandra, Germantown, MD, UNITED STATES
        Garg, Saurabh, Uttar Pradesh, INDIA
        Eagling, Trevor, Frederick, MD, UNITED STATES
        Darcy, Mike, Potomac, MD, UNITED STATES
PA      HUGHES ELECTRONICS (U.S. corporation)
PI      US 2002052180      A1    20020502
AI      US 2001-923837     A1    20010807 (9)
PRAI    US 2000-224030P       20000809 (60)
DT      Utility
FS      APPLICATION
LN.CNT  829
INCL    INCLM:  455/012.100
        INCLS:  455/445.000;  455/456.000;  455/427.000
NCL     NCLM:   455/012.100
        NCLS:   455/445.000;  455/456.000;  455/427.000
IC      [7]
        ICM:  H04B007-185


L5    ANSWER 10 OF 58   USPATFULL
AN      2002:77677   USPATFULL
TI      Direct broadcast imaging satellite system apparatus and method
        for providing real-time, continuous monitoring of earth from
        geostationary earth orbit and related services
IN      LeCompte, Malcolm, Westford, MA, UNITED STATES
        Hewins, Michael, Belvedere, CA, UNITED STATES
PA      AstroVision International, Inc., Gaithersburg, MD, UNITED STATES, 20878
        (U.S. corporation)
PI      US 2002041328      A1    20020411
AI      US 2001-820347     A1    20010329 (9)
PRAI    US 2000-192893P       20000329 (60)
        US 2000-205155P       20000518 (60)
        US 2000-218683P       20000717 (60)
DT      Utility
FS      APPLICATION
LN.CNT  2717
INCL    INCLM:  348/144.000
NCL     NCLM:   348/144.000
IC      [7]
        ICM:  H04N007-18
        ICS:  H04N009-47


L5    ANSWER 11 OF 58   USPATFULL
AN      2002:22313   USPATFULL
TI      Network engineering/systems system for mobile satellite
        communcation system
IN      Threadgill, Michael E., Reston, VA, UNITED STATES
        Lin, ShihChao, Reston, VA, UNITED STATES
PA      Motient Services Inc., Reston, VA (U.S. corporation)
PI      US 2002013149      A1    20020131
AI      US 2001-918550     A1    20010801 (9)
RLI     Continuation of Ser. No. US 1997-931622, filed on 16 Sep 1997, GRANTED,
        Pat. No. US 6272341 Continuation of Ser. No. US 1996-601749, filed on 15
        Feb 1996, GRANTED, Pat. No. US 5713075
PRAI    US 1995-7804P         19951130 (60)
DT      Utility
FS      APPLICATION
LN.CNT  4112
INCL    INCLM:  455/427.000
        INCLS:  455/429.000;  455/452.000;  455/012.100;  455/013.400
NCL     NCLM:   455/427.000
        NCLS:   455/429.000;  455/452.000;  455/012.100;  455/013.400
IC      [7]
        ICM:  H04B007-185
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L5    ANSWER 12 OF 58  USPATFULL
AN    2002:19960  USPATFULL
TI    Network operations center for mobile earth terminal satellite
      communications system
IN    Threadgill, Michael E., Reston, VA, United States
      Biegel, Charles H., Reston, VA, United States
PA    Motient Services Inc., Reston, VA, United States (U.S. corporation)
PI    US 6343205          B1   20020129
AI    US 1999-267600           19990315 (9)
RLI   Continuation of Ser. No. US 1996-700943, filed on 21 Aug 1996, now
      patented, Pat. No. US 5926745, issued on 20 Jul 1999
PRAI  US 1995-7748P       19951130 (60)
DT    Utility
FS    GRANTED
LN.CNT 2788
INCL  INCLM: 455/012.100
      INCLS: 455/427.000; 455/428.000
NCL   NCLM:  455/012.100
      NCLS:  455/427.000; 455/428.000
IC    [7]
      ICM: H04Q007-20
EXF   455/12.1; 455/427; 455/428; 455/430; 455/426; 455/410; 455/411; 455/517;
      455/437; 455/13.1; 455/524; 370/316


L5    ANSWER 13 OF 58  USPATFULL
AN    2002:16183  USPATFULL
TI    System and method for performing auto-commissioning in a two-way
      satellite system
IN    Kelly, Frank, Walkersville, MD, UNITED STATES
      Petronic, Mark, Gaithersburg, MD, UNITED STATES
      Baer, Matthew, Germantown, MD, UNITED STATES
PI    US 2002009058       A1   20020124
AI    US 2001-783851      A1   20010215 (9)
PRAI  US 2000-197246P     20000414 (60)
DT    Utility
FS    APPLICATION
LN.CNT 2612
INCL  INCLM: 370/316.000
      INCLS: 370/401.000
NCL   NCLM:  370/316.000
      NCLS:  370/401.000
IC    [7]
      ICM: H04B007-185
      ICS: H04L012-28


L5    ANSWER 14 OF 58  USPATFULL
AN    2002:8369  USPATFULL
TI    System and method for managing return channel bandwidth in a two-way
      satellite system
IN    Kelly, Frank, Walkersville, MD, UNITED STATES
      Kloper, David, Mt. Airy, MD, UNITED STATES
PI    US 2002004369       A1   20020110
AI    US 2001-783850      A1   20010215 (9)
PRAI  US 2000-197246P     20000414 (60)
DT    Utility
FS    APPLICATION
LN.CNT 2740
INCL  INCLM: 455/012.100
      INCLS: 455/013.100; 342/357.060; 342/354.000
NCL   NCLM:  455/012.100
      NCLS:  455/013.100; 342/357.060; 342/354.000
IC    [7]
      ICM: G01S005-02
      ICS: H04B007-185; G01S001-00
```

```
L5      ANSWER 15 OF 58   USPATFULL
AN      2002:2967  USPATFULL
TI      User interface for a two-way satellite communication system
IN      Petronic, Mark, Gaithersburg, MD, UNITED STATES
        Kelly, Frank, Walkersville, MD, UNITED STATES
PI      US 2002000931      A1    20020103
AI      US 2001-789080     A1    20010220 (9)
PRAI    US 2000-197246P       20000414 (60)
DT      Utility
FS      APPLICATION
LN.CNT  2731
INCL    INCLM: 342/359.000
NCL     NCLM:  342/359.000
IC      [7]
        ICM: H01Q003-00


L5      ANSWER 16 OF 58   USPATFULL
AN      2001:223458  USPATFULL
TI      System and method for scaling a two-way satellite system
IN      Kelly, Frank, Walkersville, MD, United States
        Kloper, David, Mt. Airy, MD, United States
PI      US 2001048671      A1    20011206
AI      US 2001-789079     A1    20010220 (9)
PRAI    US 2000-197246P       20000414 (60)
DT      Utility
FS      APPLICATION
LN.CNT  2597
INCL    INCLM: 370/316.000
        INCLS: 370/427.000
NCL     NCLM:  370/316.000
        NCLS:  370/427.000
IC      [7]
        ICM: H04B007-185


L5      ANSWER 17 OF 58   USPATFULL
AN      2001:223457  USPATFULL
TI      System and method for managing bandwidth in a two-way satellite
        system
IN      Kelly, Frank, Walkersville, MD, United States
        Kloper, David, Mt. Airy, MD, United States
PI      US 2001048670      A1    20011206
AI      US 2001-789076     A1    20010220 (9)
PRAI    US 2000-197246P       20000414 (60)
DT      Utility
FS      APPLICATION
LN.CNT  2738
INCL    INCLM: 370/316.000
        INCLS: 370/468.000
NCL     NCLM:  370/316.000
        NCLS:  370/468.000
IC      [7]
        ICM: H04J003-16
        ICS: H04J003-22


L5      ANSWER 18 OF 58   USPATFULL
AN      2001:223456  USPATFULL
TI      System interfaces in a two-way satellite system
IN      Kelly, Frank, Walkersville, MD, United States
        Dillon, Doug, Gaithersburg, MD, United States
PI      US 2001048669      A1    20011206
AI      US 2001-782973     A1    20010214 (9)
PRAI    US 2000-197246P       20000414 (60)
DT      Utility
```

```
FS      APPLICATION
LN.CNT 2723
INCL    INCLM: 370/316.000
        INCLS: 370/466.000
NCL     NCLM:  370/316.000
        NCLS:  370/466.000
IC      [7]
        ICM: H04J003-16
        ICS: H04J003-22; H04B007-185


L5   ANSWER 19 OF 58  USPATFULL
AN      2001:217422  USPATFULL
TI      Method and system of directing an antenna in a two-way satellite
        system
IN      Kelly, Frank, Walkersville, MD, United States
        Petronic, Mark, Gaithersburg, MD, United States
        Baer, Matthew, Germantown, MD, United States
PI      US 2001045906      A1    20011129
        US 6441782         B2    20020827
AI      US 2001-789081     A1    20010220 (9)
PRAI    US 2000-197246P       20000414 (60)
DT      Utility
FS      APPLICATION
LN.CNT 2636
INCL    INCLM: 342/359.000
NCL     NCLM:  342/359.000
        NCLS:  342/352.000
IC      [7]
        ICM: H01Q003-00


L5   ANSWER 20 OF 58  USPATFULL
AN      2001:211584  USPATFULL
TI      System and method for providing a two-way satellite system
IN      Kelly, Frank, Walkersville, MD, United States
PI      US 2001043575      A1    20011122
        US0                      (PENDING)
AI      US 2001-785755     A1    20010216 (9)
        US 2000-197246           20000414 (PENDING)
DT      Utility
FS      APPLICATION
LN.CNT 2619
INCL    INCLM: 370/321.000
        INCLS: 370/390.000; 370/501.000
NCL     NCLM:  370/321.000
        NCLS:  370/390.000; 370/501.000
IC      [7]
        ICM: H04B007-212
        ICS: H04L012-28; H04J003-08


L5   ANSWER 21 OF 58  USPATFULL
AN      2001:211583  USPATFULL
TI      Transceiver in a two-way satellite system
IN      Nguyen, Khai, Falls Church, VA, United States
        Harris, Cliff, Germantown, MD, United States
        Dillon, Doughlas, Gaithersburg, MD, United States
        Kelly, Frank, Walkersville, MD, United States
        Gaske, Paul, Rockville, MD, United States
PI      US 2001043574      A1    20011122
AI      US 2001-790379     A1    20010222 (9)
PRAI    US 2000-197246P       20000414 (60)
DT      Utility
FS      APPLICATION
LN.CNT 2565
INCL    INCLM: 370/316.000
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NCL    NCLM:  370/316.000
IC     [7]
       ICM: H04B007-185
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AN     2001:211582  USPATFULL
TI     System and method for providing control of a two-way satellite
       system
IN     Kelly, Frank, Walkersville, MD, United States
PI     US 2001043573      A1   20011122
AI     US 2001-788234     A1   20010216 (9)
PRAI   US 2000-197246P        20000414 (60)
DT     Utility
FS     APPLICATION
LN.CNT 2631
INCL   INCLM: 370/316.000
       INCLS: 370/352.000
NCL    NCLM:  370/316.000
       NCLS:  370/352.000
IC     [7]
       ICM: H04B007-185
       ICS: H04L012-66
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AN     2001:210167  USPATFULL
TI     Method and apparatus for selectively retrieving information from a
       source computer using a terrestrial or satellite interface
IN     Dillon, Douglas M., Gaithersburg, MD, United States
       Gupta, Vivek, Gaithersburg, MD, United States
PA     Hughes Electronics Corporation, El Segundo, CA, United States (U.S.
       corporation)
PI     US 6321268         B1   20011120
AI     US 2000-512269          20000224 (9)
RLI    Continuation of Ser. No. US 1998-216576, filed on 18 Dec 1998, now
       patented, Pat. No. US 6115750 Division of Ser. No. US 1997-797505, filed
       on 7 Feb 1997, now patented, Pat. No. US 5852721 Continuation-in-part of
       Ser. No. US 1994-257670, filed on 8 Jun 1994, now abandoned
DT     Utility
FS     GRANTED
LN.CNT 1516
INCL   INCLM: 709/233.000
       INCLS: 709/217.000; 709/246.000; 709/235.000; 370/353.000; 370/354.000;
              370/365.000; 712/029.000
NCL    NCLM:  709/233.000
       NCLS:  370/353.000; 370/354.000; 370/365.000; 709/217.000; 709/235.000;
              709/246.000; 712/029.000
IC     [7]
       ICM: G06F015-17
       ICS: G06F013-42; G06F013-14; H04L012-20
EXF    709/217; 709/219; 709/218; 709/225; 709/227; 709/233; 709/234; 709/235;
       709/239; 709/242; 709/249; 709/229; 709/231; 709/232; 709/245; 709/247;
       712/36; 712/29; 712/362; 370/324; 370/353; 370/354; 370/276; 370/296;
       370/232; 370/237; 370/235; 370/391; 710/131
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AN     2001:186266  USPATFULL
TI     Method and system for multicast using a satellite network
IN     Hogg, Gerald James, Fountain Hills, AZ, United States
       Kaya, Mark Hajime, Scottsdale, AZ, United States
       Firestone, Lawrence Mitchell, San Diego, CA, United States
       Hogberg, Shawn Wesley, Chandler, AZ, United States
       Emmons, Jr., Thomas Peter, Mesa, AZ, United States
       Cimet, Israel Arieh, Chandler, AZ, United States
PA     Motorola, Inc., Schaumburg, IL, United States (U.S. corporation)
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PI      US 6307861         B1    20011023
AI      US 1999-271701           19990318 (9)
DT      Utility
FS      GRANTED
LN.CNT  450
INCL    INCLM:  370/432.000
        INCLS:  342/357.080
NCL     NCLM:   370/432.000
        NCLS:   342/357.080
IC      [7]
        ICM: H04J003-26
EXF     370/432; 370/310; 370/312; 370/315; 370/316; 370/323; 370/324; 370/325;
        370/328; 370/331; 370/367; 370/390; 370/396; 370/420; 370/492; 370/501;
        455/427; 455/431; 455/436; 455/439; 455/442; 455/11.1; 455/13.1;
        455/13.2; 342/354; 342/356; 342/257.06; 342/357.08; 342/357.12;
        342/357.14; 342/357.15
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AN      2001:128787  USPATFULL
TI      Network control center for satellite communication system
IN      Modzelesky, Edward J., Leesburg, VA, United States
        Tisdale, William R., Purcellville, VA, United States
PA      Motient Services Inc., Reston, VA, United States, 20191-5416 (U.S.
        corporation)
PI      US 2001012775      A1    20010809
AI      US 2001-796647     A1    20010302 (9)
RLI     Continuation of Ser. No. US 1998-133687, filed on 13 Aug 1998, PENDING
        Continuation of Ser. No. US 1996-728227, filed on 10 Oct 1996, GRANTED,
        Pat. No. US 5842125
PRAI    US 1995-7749P          19951130 (60)
DT      Utility
FS      APPLICATION
LN.CNT  3680
INCL    INCLM:  455/427.000
        INCLS:  455/430.000; 455/012.100; 455/013.100; 455/067.100; 455/423.000
NCL     NCLM:   455/427.000
        NCLS:   455/430.000; 455/012.100; 455/013.100; 455/067.100; 455/423.000
IC      [7]
        ICM: H04Q007-20
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AN      2001:128770  USPATFULL
TI      Method and apparatus for providing interactive two-way communications
        using a single one-way channel in satellite systems
IN      Bradley, James Frederick, Middletown, NJ, United States
        Cooper, Paul W., Red Bank, NJ, United States
PI      US 2001012758      A1    20010809
AI      US 2001-771681     A1    20010130 (9)
RLI     Continuation of Ser. No. US 1997-879706, filed on 20 Jun 1997, GRANTED,
        Pat. No. US 6243366
DT      Utility
FS      APPLICATION
LN.CNT  1475
INCL    INCLM:  455/012.100
NCL     NCLM:   455/012.100
IC      [7]
        ICM: H04B007-185
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AN      2001:127068  USPATFULL
TI      Network engineering/systems engineering system for mobile
        satellite communication system
IN      Threadgill, Michael E., Reston, VA, United States
        Lin, ShihChao, Reston, VA, United States
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PA      Motient Services Inc., Reston, VA, United States (U.S. corporation)
PI      US 6272341          B1    20010807
AI      US 1997-931622            19970916 (8)
RLI     Continuation of Ser. No. US 1996-601749, filed on 15 Feb 1996, now
        patented, Pat. No. US 5713075
DT      Utility
FS      GRANTED
LN.CNT  3820
INCL    INCLM: 455/428.000
NCL     NCLM:  455/428.000
IC      [7]
        ICM: H04Q007-22
EXF     455/427; 455/62; 455/405; 455/13.1; 455/430; 455/12.1; 455/428; 455/9


L5    ANSWER 28 OF 58  USPATFULL
AN      2001:127065  USPATFULL
TI      Network control center for satellite communication system
IN      Modzelesky, Edward J., Leesburg, VA, United States
        Tisdale, William R., Purcellville, VA, United States
PA      Motient Services Inc., Reston, VA, United States (U.S. corporation)
PI      US 6272338          B1    20010807
AI      US 1998-133687            19980813 (9)
RLI     Continuation of Ser. No. US 1996-728227, filed on 10 Oct 1996, now
        patented, Pat. No. US 5842125
PRAI    US 1995-7749P       19951130 (60)
        US 1995-7803P       19951130 (60)
DT      Utility
FS      GRANTED
LN.CNT  3693
INCL    INCLM: 455/426.000
        INCLS: 455/067.100
NCL     NCLM:  455/426.000
        NCLS:  455/067.100
IC      [7]
        ICM: H04B017-00
EXF     455/426; 455/427; 455/428; 455/430; 455/12.1; 455/13.1; 455/403;
        455/410; 455/411; 455/414; 455/67.1; 455/423; 455/424; 370/316; 370/321;
        370/327; 370/329; 370/330


L5    ANSWER 29 OF 58  USPATFULL
AN      2001:83903  USPATFULL
TI      Priority and preemption service system for satellite related
        communication using central controller
IN      Garner, William B., Laytonsville, MD, United States
PA      AMSC Subsidiary Corporation, Reston, VA, United States (U.S.
        corporation)
PI      US 6243580          B1    20010605
AI      US 1999-448921            19991123 (9)
RLI     Continuation of Ser. No. US 1998-22877, filed on 12 Feb 1998, now
        patented, Pat. No. US 6098307 Continuation-in-part of Ser. No. US
        1997-923534, filed on 4 Sep 1997, now patented, Pat. No. US 6112085
        Continuation-in-part of Ser. No. WO 1996-US19120, filed on 29 Nov 1996
PRAI    US 1995-7748P       19951130 (60)
        US 1995-7742P       19951130 (60)
        US 1995-7749P       19951130 (60)
DT      Utility
FS      Granted
LN.CNT  6251
INCL    INCLM: 455/428.000
        INCLS: 455/012.100
NCL     NCLM:  455/428.000
        NCLS:  455/012.100
IC      [7]
        ICM: H04Q007-20
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EXF     455/12.1; 455/13.1; 455/13.2; 455/403; 455/410; 455/411; 455/414;
        455/422; 455/424; 455/425; 455/426; 455/427; 455/428; 455/429; 455/430;
        455/517; 455/524; 455/62; 455/63; 455/67.1; 455/560; 370/316


L5      ANSWER 30 OF 58  USPATFULL
AN      2001:83690  USPATFULL
TI      Method and apparatus for providing interactive two-way communications
        using a single one-way channel in satellite systems
IN      Bradley, James Frederick, Middletown, NJ, United States
        Cooper, Paul W., Red Bank, NJ, United States
PA      AT&T Corp., New York, NY, United States (U.S. corporation)
PI      US 6243366      B1   20010605
AI      US 1997-879706       19970620 (8)
DT      Utility
FS      Granted
LN.CNT  1245
INCL    INCLM: 370/318.000
        INCLS: 370/324.000; 370/467.000; 340/540.000
NCL     NCLM:  370/318.000
        NCLS:  340/540.000; 370/324.000; 370/467.000
IC      [7]
        ICM: H04B007-185
        ICS: H04J003-16; G08B021-00
EXF     370/316; 370/319; 370/320; 370/328; 370/335; 370/342; 370/341; 370/445;
        370/449; 370/450; 370/461; 370/462; 370/326; 370/321; 370/296; 370/435;
        370/324; 370/282; 367/197-199; 340/540


L5      ANSWER 31 OF 58  USPATFULL
AN      2001:80145  USPATFULL
TI      Closed loop power control for low earth orbit satellite
        communications system
IN      Wiedeman, Robert A., San Jose, CA, United States
        Sites, Michael J., Fremont, CA, United States
PA      Globalstar L.P., San Jose, CA, United States (U.S. corporation)
PI      US 6240124      B1   20010529
AI      US 1999-432301       19991102 (9)
RLI     Continuation-in-part of Ser. No. US 1997-832644, filed on 4 Apr 1997,
        now patented, Pat. No. US 6097752 Continuation of Ser. No. US
        1995-467209, filed on 6 Jun 1995, now patented, Pat. No. US 5619525,
        issued on 8 Apr 1997
DT      Utility
FS      Granted
LN.CNT  1214
INCL    INCLM: 375/130.000
        INCLS: 370/318.000; 455/013.400; 455/052.000
NCL     NCLM:  375/130.000
        NCLS:  370/318.000; 455/013.400
IC      [7]
        ICM: A61F002-06
EXF     375/130; 375/211; 375/221; 370/318; 455/13.4; 455/52


L5      ANSWER 32 OF 58  USPATFULL
AN      2001:19651  USPATFULL
TI      Network engineering/systems engineering system for mobile
        satellite communication system
IN      Threadgill, Michael E., Annapolis, MD, United States
        Lin, ShihChao, Reston, VA, United States
PA      AMSC Subsidiary Corporation, Reston, VA, United States (U.S.
        corporation)
PI      US 6185409      B1   20010206
AI      US 1998-7172         19980114 (9)
RLI     Continuation-in-part of Ser. No. US 1997-931622, filed on 16 Sep 1997
        Continuation of Ser. No. US 1996-601749, filed on 15 Feb 1996, now
        patented, Pat. No. US 5713075
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DT      Utility
FS      Granted
LN.CNT  4552
INCL    INCLM: 455/012.100
        INCLS: 455/427.000
NCL     NCLM:  455/012.100
        NCLS:  455/427.000
IC      [7]
        ICM: H04B007-185
        ICS: H04Q007-20
EXF     455/12.1; 455/430; 455/427


L5      ANSWER 33 OF 58  USPATFULL
AN      2000:126273  USPATFULL
TI      System and/or method for call intercept capability in a global mobile
        satellite communications system
IN      Magnusson, Oskar S., Silver Spring, MD, United States
PA      Iridium, L.L.C., Washington, DC, United States (U.S. corporation)
PI      US 6122499              20000919
AI      US 1998-127761          19980731 (9)
DT      Utility
FS      Granted
LN.CNT  1191
INCL    INCLM: 455/405.000
        INCLS: 379/035.000; 455/430.000; 455/012.100
NCL     NCLM:  455/405.000
        NCLS:  379/035.000; 455/012.100; 455/430.000
IC      [7]
        ICM: H04M015-00
        ICS: H04M001-24; H04Q007-20; H04B007-185
EXF     455/430; 455/405; 455/410; 455/422; 455/427; 455/428; 455/560; 455/12.1;
        379/34; 379/35; 379/7; 379/1


L5      ANSWER 34 OF 58  USPATFULL
AN      2000:119128  USPATFULL
TI      Method and apparatus for selectively retrieving information from a
        source computer using a terrestrial or satellite interface
IN      Dillon, Douglas M., Gaithersburg, MD, United States
        Gupta, Vivek, Gaithersburg, MD, United States
PA      Hughes Electronics Corporation, El Segundo, CA, United States (U.S.
        corporation)
PI      US 6115750              20000905
AI      US 1998-216576          19981218 (9)
RLI     Division of Ser. No. US 1997-797505, filed on 7 Feb 1997, now patented,
        Pat. No. US 5852721 which is a continuation-in-part of Ser. No. US
        1994-257670, filed on 8 Jun 1994, now abandoned
DT      Utility
FS      Granted
LN.CNT  1449
INCL    INCLM: 709/235.000
        INCLS: 709/233.000; 370/235.000; 370/237.000
NCL     NCLM:  709/235.000
        NCLS:  370/235.000; 370/237.000; 709/233.000
IC      [7]
        ICM: G06F013-42
        ICS: G06F013-14; H04L012-46
EXF     370/331; 370/253; 370/235; 370/395; 370/230; 370/232; 370/238; 370/231;
        370/237; 714/812; 709/200; 709/234; 709/233; 709/239; 709/235; 711/147;
        711/216; 711/130; 710/243; 707/1; 707/3; 340/825.44; 340/825.49


L5      ANSWER 35 OF 58  USPATFULL
AN      2000:115109  USPATFULL
TI      Virtual network configuration and management system for
        satellite communication system
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IN      Garner, William B., Laytonsville, MD, United States
        Tisdale, William R., Purcellville, VA, United States
PA      AMSC Subsidiary Corporation, Reston, VA, United States (U.S.
        corporation)
PI      US 6112085              20000829
AI      US 1997-923534          19970904 (8)
RLI     Continuation-in-part of Ser. No. WO 1996-US19120, filed on 29 Nov 1996
PRAI    US 1995-7742P           19951130 (60)
        US 1995-7749P           19951130 (60)
DT      Utility
FS      Granted
LN.CNT  5026
INCL    INCLM: 455/428.000
        INCLS: 455/430.000
NCL     NCLM:  455/428.000
        NCLS:  455/430.000
IC      [7]
        ICM: H04B007-185
EXF     455/12.1; 455/13.1; 455/13.2; 455/403; 455/410; 455/411; 455/422;
        455/424; 455/425; 455/426; 455/427; 455/428; 455/429; 455/430; 455/517;
        455/518; 455/519; 455/524; 455/525; 455/62; 455/63; 455/67.1

L5      ANSWER 36 OF 58   USPATFULL
AN      2000:99428   USPATFULL
TI      Closed loop power control for low earth orbit satellite
        communications system
IN      Wiedeman, Robert A., Los Altos, CA, United States
        Sites, Michael J., Fremont, CA, United States
PA      Globalstar L.P., San Jose, CA, United States (U.S. corporation)
PI      US 6097752              20000801
AI      US 1997-832644          19970404 (8)
RLI     Continuation of Ser. No. US 1995-467209, filed on 6 Jun 1995, now
        patented, Pat. No. US 5619525, issued on 8 Apr 1997
DT      Utility
FS      Granted
LN.CNT  909
INCL    INCLM: 375/200.000
        INCLS: 375/211.000; 375/221.000; 370/318.000; 455/013.400; 455/052.000
NCL     NCLM:  375/130.000
        NCLS:  370/318.000; 375/211.000; 375/221.000; 455/013.400; 455/500.000
IC      [7]
        ICM: H04B001-69
EXF     375/200; 375/211; 375/221; 375/358; 455/10; 455/13.4; 455/69; 455/522;
        370/318

L5      ANSWER 37 OF 58   USPATFULL
AN      2000:89395   USPATFULL
TI      Method and apparatus for multi-constellation satellite
        broadcast with error correction
IN      Kane, John Richard, Phoenix, AZ, United States
        Olds, Keith Andrew, Mesa, AZ, United States
PA      Motorola, Inc., Schaumburg, IL, United States (U.S. corporation)
PI      US 6088571              20000711
AI      US 1998-15955           19980130 (9)
DT      Utility
FS      Granted
LN.CNT  494
INCL    INCLM: 455/012.100
        INCLS: 455/013.100
NCL     NCLM:  455/012.100
        NCLS:  455/013.100
IC      [7]
        ICM: H04B007-185
EXF     455/12.1; 455/13.1; 455/13.2; 455/15; 455/16; 455/18; 455/24; 455/7;
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455/8; 455/9; 455/3.2; 455/5.1; 455/427; 455/428; 455/430; 370/316

L5   ANSWER 38 OF 58   USPATFULL
AN   2000:55088   USPATFULL
TI   Priority and preemption service system for **satellite** related
        communication using central controller
IN   Garner, William B., Laytonsville, MD, United States
PA   AMSC Subsidiary Corporation, Reston, VA, United States (U.S.
        corporation)
PI   US 6058307   20000502
AI   US 1998-22877   19980212 (9)
RLI   Continuation-in-part of Ser. No. US 1997-923534, filed on 4 Sep 1997
        which is a continuation-in-part of Ser. No. WO 1996-US19120, filed on 29
        Nov 1996
PRAI   US 1995-7748P   19951130 (60)
        US 1995-7742P   19951130 (60)
        US 1995-7749P   19951130 (60)
DT   Utility
FS   Granted
LN.CNT 6287
INCL   INCLM: 455/428.000
        INCLS: 455/012.100
NCL   NCLM: 455/428.000
        NCLS: 455/012.100
IC   [7]
        ICM: H04Q007-20
EXF   455/12.1; 455/13.1; 455/13.2; 455/403; 455/410; 455/411; 455/414;
        455/422; 455/424; 455/425; 455/426; 455/427; 455/428; 455/429; 455/430;
        455/517; 455/524; 455/62; 455/63; 455/67.1; 455/560; 370/316

L5   ANSWER 39 OF 58   USPATFULL
AN   2000:7889   USPATFULL
TI   Method and apparatus for requesting and retrieving information from a
        source computer using terrestrial and **satellite** interfaces
IN   Dillon, Douglas M., Gaithersburg, MD, United States
PA   Hughes Electronics Corporation, El Segundo, CA, United States (U.S.
        corporation)
PI   US 6016388   20000118
AI   US 1998-72992   19980506 (9)
RLI   Division of Ser. No. US 1997-901152, filed on 28 Jul 1997 which is a
        continuation of Ser. No. US 1994-257670, filed on 8 Jun 1994, now
        abandoned
DT   Utility
FS   Granted
LN.CNT 1014
INCL   INCLM: 395/200.720
        INCLS: 395/200.660; 395/200.630; 370/395.000; 370/401.000; 370/389.000
NCL   NCLM: 709/242.000
        NCLS: 370/389.000; 370/395.500; 370/401.000; 709/233.000; 709/236.000
IC   [6]
        ICM: H04L011-20
        ICS: G06F013-14; G06F013-40
EXF   395/200.31; 395/705; 395/200.33; 395/200.79; 395/800.03; 395/800.06;
        395/563; 395/200.54; 395/200.69; 395/3; 395/187.01; 395/200.32;
        395/200.72; 395/200.66; 395/200.61; 395/200.68; 395/200.63; 711/202;
        379/106.01; 379/361; 379/67; 455/420.62; 455/38.1; 370/404; 370/406;
        370/316; 370/320; 370/472; 370/401; 370/426; 370/255; 370/422;
        364/DIG.1; 364/DIG.2; 358/407

L5   ANSWER 40 OF 58   USPATFULL
AN   1999:157107   USPATFULL
TI   Method and apparatus for requesting and retrieving information from a
        source computer using terrestrial and **satellite** interfaces
IN   Dillon, Douglas M., Gaithersburg, MD, United States

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PA      Hughes Electronics Corporation, El Segundo, CA, United States (U.S.
        corporation)
PI      US 5995726              19991130
AI      US 1997-804314          19970224 (8)
RLI     Division of Ser. No. US 1994-257670, filed on 8 Jun 1994, now abandoned
DT      Utility
FS      Granted
LN.CNT  839
INCL    INCLM: 395/200.610
        INCLS: 395/200.330; 395/200.470; 370/230.000; 370/389.000
NCL     NCLM:  709/231.000
        NCLS:  370/230.000; 370/389.000; 709/203.000; 709/217.000
IC      [6]
        ICM: G06F013-38
        ICS: H04L012-46
EXF     395/200.61; 395/200.57; 395/200.98; 395/200.38; 395/200.33; 395/200.32;
        395/200.47; 395/200.56; 395/200.06; 348/14; 348/12; 434/301R; 370/397;
        370/471; 370/351; 370/316; 370/404; 370/389; 370/230; 370/392; 370/401;
        370/432; 377/93.09; 364/DIG.1; 364/DIG.2; 455/12.1

L5      ANSWER 41 OF 58  USPATFULL
AN      1999:157106  USPATFULL
TI      Method and apparatus for requesting and retrieving information from a
        source computer using terrestrial and satellite interfaces
IN      Dillon, Douglas M., Gaithersburg, MD, United States
PA      Hughes Electronics Corporation, El Segundo, CA, United States (U.S.
        corporation)
PI      US 5995725              19991130
AI      US 1997-901152          19970728 (8)
RLI     Continuation of Ser. No. US 1994-257670, filed on 8 Jun 1994, now
        abandoned
DT      Utility
FS      Granted
LN.CNT  835
INCL    INCLM: 395/200.330
        INCLS: 395/200.690; 370/341.000; 370/326.000
NCL     NCLM:  709/203.000
        NCLS:  370/326.000; 370/341.000; 709/239.000
IC      [6]
        ICM: H04L029-06
        ICS: G06F013-364
EXF     395/700.3; 395/700.32; 395/700.48; 395/700.59; 395/682; 395/200.61;
        395/200.59; 395/500.08; 395/200.32; 395/200.31; 395/200.51; 707/573.1;
        370/436; 370/442; 370/406.34; 370/318; 370/341; 370/496; 380/821.8;
        348/12; 348/17; 455/5.1; 455/12.1; 042/354; 379/93.09; 379/106.06;
        358/434; 367/68

L5      ANSWER 42 OF 58  USPATFULL
AN      1999:127750  USPATFULL
TI      Method and apparatus for selectively retrieving information from a
        source computer using a terrestrial or satellite interface
IN      Dillon, Douglas M., Gaithersburg, MD, United States
        Gupta, Vivek, Gaithersburg, MD, United States
PA      Hughes Electronics Corporation, El Segundo, CA, United States (U.S.
        corporation)
PI      US 5968129              19991019
AI      US 1998-82626           19980521 (9)
RLI     Division of Ser. No. US 1997-797505, filed on 2 Feb 1997, now patented,
        Pat. No. US 5852721 which is a continuation-in-part of Ser. No. US
        1994-257670, filed on 8 Jun 1994, now abandoned
DT      Utility
FS      Granted
LN.CNT  1233
INCL    INCLM: 709/233.000
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              INCLS: 709/234.000; 709/239.000; 370/231.000; 370/232.000
NCL           NCLM:  709/233.000
              NCLS:  370/231.000; 370/232.000; 709/234.000; 709/239.000
IC            [6]
              ICM: G06F013-42
              ICS: G06F013-14; H04L012-66
EXF           395/200.33; 395/200.79; 395/800.01; 395/200.54; 395/200.69; 395/200.313;
              379/106.01; 379/361; 379/67; 370/404; 370/318; 370/406; 370/316;
              370/370; 370/472; 370/231; 455/38.1; 455/430; 455/427; 367/68; 709/235;
              709/234


L5    ANSWER 43 OF 58  USPATFULL
AN        1999:82935  USPATFULL
TI        Network operations center for mobile earth terminal satellite
          communications system
IN        Threadgill, Michael E., Reston, VA, United States
          Biegel, Charles H., Reston, VA, United States
PA        AMSC Subsidiary Corporation, Reston, VA, United States (U.S.
          corporation)
PI        US 5926745              19990720
AI        US 1996-700943         19960821 (8)
PRAI      US 1995-7748P       19951130 (60)
DT        Utility
FS        Granted
LN.CNT 2678
INCL      INCLM: 455/012.100
          INCLS: 455/427.000; 455/428.000
NCL       NCLM:  455/012.100
          NCLS:  455/427.000; 455/428.000
IC        [6]
          ICM: H04Q007-20
EXF       455/12.1; 455/427; 455/428; 455/430; 455/406; 455/405; 455/410; 455/411;
          455/429; 455/453; 455/13.1; 455/524; 380/21; 380/23; 380/25; 380/49;
          340/825.3; 340/825.31; 340/825.34


L5    ANSWER 44 OF 58  USPATFULL
AN        1999:70329  USPATFULL
TI        Satellite communications system with dual mode bandwidth
          control
IN        Hassan, Amer A., Cary, NC, United States
          Reinhold, Stanley L., Cary, NC, United States
          Rydbeck, Nils Rutger, Cary, NC, United States
PA        Ericsson Inc., Research Triangle Park, NC, United States (U.S.
          corporation)
PI        US 5914942             19990622
AI        US 1996-736954         19961025 (8)
DT        Utility
FS        Granted
LN.CNT 588
INCL      INCLM: 370/316.000
          INCLS: 455/012.100
NCL       NCLM:  370/316.000
          NCLS:  455/012.100
IC        [6]
          ICM: H04B007-185
EXF       370/316; 370/343; 370/344; 370/319; 370/310; 455/552; 455/553; 455/68;
          455/12.1; 455/427


L5    ANSWER 45 OF 58  USPATFULL
AN        1999:68183  USPATFULL
TI        Conversion system used in billing system for mobile satellite
          system
IN        Pawa, Robert L., Reston, VA, United States
          Maxfield, David R., Reston, VA, United States
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           Nemirovsky, Gary, Reston, VA, United States
           Duncan, Jeffrey W., Reston, VA, United States
PA         AMSC Subsidiary Corporation, Reston, VA, United States (U.S.
           corporation)
PI         US 5913164              19990615
AI         US 1996-598556          19960208 (8)
PRAI       US 1995-7803P      19951130 (60)
DT         Utility
FS         Granted
LN.CNT 4746
INCL       INCLM: 455/427.000
           INCLS: 455/406.000; 455/411.000; 455/012.100
NCL        NCLM:  455/427.000
           NCLS:  455/012.100; 455/406.000; 455/411.000
IC         [6]
           ICM: H04Q007-24
EXF        455/427; 455/428; 455/430; 455/435; 455/11.1; 455/12.1; 455/13.1;
           455/13.2; 455/410; 455/411; 455/426; 455/432; 455/433; 455/461;
           455/406-408; 455/405; 370/316


L5    ANSWER 46 OF 58  USPATFULL
AN         1999:63911  USPATFULL
TI         Satellite communications system
IN         Kuwabara, Toru, Tokyo, Japan
           Udaka, Takao, Tokyo, Japan
           Nakazawa, Norihiko, Tokyo, Japan
           Miyoshi, Kazuyoshi, Hiroshima, Japan
PA         Mitsubishi Denki Kabushiki Kaisha, Tokyo, Japan (non-U.S. corporation)
PI         US 5909439              19990601
AI         US 1996-657468          19960529 (8)
PRAI       JP 1995-131738      19950530
           JP 1996-127356      19960522
DT         Utility
FS         Granted
LN.CNT 2555
INCL       INCLM: 370/389.000
           INCLS: 370/465.000
NCL        NCLM:  370/389.000
           NCLS:  370/465.000
IC         [6]
           ICM: H04J003-16
EXF        370/389; 370/395; 370/310; 370/312; 370/313; 370/314; 370/316; 370/321;
           370/324; 370/325; 370/326; 370/327; 370/329; 370/336; 370/341; 370/337;
           370/347; 370/345; 370/346; 370/349; 370/376; 370/375; 370/392; 370/442;
           370/443; 370/449; 370/458; 370/462; 370/465; 370/466; 370/467; 370/470;
           370/471; 370/472; 370/475; 370/486; 370/485; 370/493; 370/498; 455/12.1;
           455/13.2; 455/13.3; 455/15; 379/92.01; 340/825.08; 348/7; 348/10;
           348/12; 348/6


L5    ANSWER 47 OF 58  USPATFULL
AN         1998:160644  USPATFULL
TI         Method and apparatus for selectively retrieving information from a
           source computer using a terrestrial or satellite interface
IN         Dillon, Douglas M., Gaithersburg, MD, United States
           Gupta, Vivek, Gaithersburg, MD, United States
PA         Hughes Electronics Corporation, El Segundo, CA, United States (U.S.
           corporation)
PI         US 5852721              19981222
AI         US 1997-797505          19970207 (8)
RLI        Continuation-in-part of Ser. No. US 1994-257670, filed on 8 Jun 1994,
           now abandoned
DT         Utility
FS         Granted
LN.CNT 1097
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INCL    INCLM: 395/200.470
        INCLS: 395/200.690; 395/200.630; 370/401.000; 455/428.000
NCL     NCLM:  709/217.000
        NCLS:  370/401.000; 455/428.000; 709/233.000; 709/239.000
IC      [6]
        ICM: G06F013-14
        ICS: G06F009-44; H04Q007-22
EXF     395/200.61; 395/200.54; 395/200.57; 395/200.69; 395/200.33; 395/200.21;
        395/200.79; 395/318; 395/231; 395/200.47; 370/472; 370/316; 370/404;
        370/406; 370/325; 370/401; 370/320; 379/106.01; 379/361; 379/67;
        455/428; 455/62; 455/38.1; 455/408; 340/825.06; 358/462; 348/534; 367/68


L5      ANSWER 48 OF 58   USPATFULL
AN      1998:148817  USPATFULL
TI      Network control center for satellite communication system
IN      Modzelesky, Edward J., Leesburg, VA, United States
        Tisdale, William R., Purcellville, VA, United States
PA      AMSC Subsidiary Corporation, Reston, VA, United States (U.S.
        corporation)
PI      US 5842125              19981124
AI      US 1996-728227          19961010 (8)
PRAI    US 1995-7749P       19951130 (60)
        US 1995-7803P       19951130 (60)
DT      Utility
FS      Granted
LN.CNT 3799
INCL    INCLM: 455/426.000
        INCLS: 455/428.000; 455/430.000
NCL     NCLM:  455/426.000
        NCLS:  455/428.000; 455/430.000
IC      [6]
        ICM: H04B007-185
EXF     455/12.1; 455/13.1; 455/13.2; 455/403; 455/410; 455/411; 455/414;
        455/422; 455/424; 455/425; 455/426; 455/427; 455/428; 455/429; 455/430;
        455/517; 455/524; 455/62; 455/63; 455/67.1; 455/560; 370/316; 370/321;
        370/327; 370/329; 370/330


L5      ANSWER 49 OF 58   USPATFULL
AN      1998:10286  USPATFULL
TI      Network engineering/systems engineering system for mobile
        satellite communication system
IN      Threadgill, Michael E., Reston, VA, United States
        Lin, ShihChao, Reston, VA, United States
PA      AMSC Subsidiary Corporation, Reston, VA, United States (U.S.
        corporation)
PI      US 5713075              19980127
AI      US 1996-601749          19960215 (8)
DT      Utility
FS      Granted
LN.CNT 4152
INCL    INCLM: 455/427.000
        INCLS: 455/012.100
NCL     NCLM:  455/427.000
        NCLS:  455/012.100
IC      [6]
        ICM: H04Q007-20
EXF     455/422; 455/427; 455/428; 455/430; 455/429; 455/453; 455/12.1;
        455/13.1; 455/517; 455/524; 455/67.1; 370/316


L5      ANSWER 50 OF 58   USPATFULL
AN      97:30174  USPATFULL
TI      Closed loop power control for low earth orbit satellite
        communications system
IN      Wiedeman, Robert A., Los Altos, CA, United States
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         Sites, Michael J., Fremont, CA, United States
PA       Globalstar L.P., San Jose, CA, United States (U.S. corporation)
PI       US 5619525              19970408
AI       US 1995-467209          19950606 (8)
DT       Utility
FS       Granted
LN.CNT 1230
INCL     INCLM: 375/200.000
         INCLS: 375/211.000; 375/221.000; 455/013.400; 455/052.100; 455/069.000;
                370/316.000
NCL      NCLM:  375/130.000
         NCLS:  370/316.000; 375/211.000; 375/221.000; 455/010.000; 455/013.400;
                455/069.000
IC       [6]
         ICM: H04B015-00
         ICS: H04L027-30; H04K001-00
EXF      375/200; 375/201; 375/205; 375/211; 375/212; 375/221; 375/358; 455/10;
         455/13.4; 455/52.1; 455/69; 370/104.1

L5    ANSWER 51 OF 58  USPATFULL
AN       96:101976  USPATFULL
TI       System for increasing the utility of satellite communication
         systems
IN       Weinberg, Aaron, Potomac, MD, United States
         Cunningham, Kenneth, Sterling, VA, United States
PA       Stanford Telecommunications, Inc., Reston, VA, United States (U.S.
         corporation)
PI       US 5572216              19961105
AI       US 1993-154410          19931119 (8)
DT       Utility
FS       Granted
LN.CNT 760
INCL     INCLM: 342/357.000
         INCLS: 455/012.100; 455/013.100
NCL      NCLM:  342/357.060
         NCLS:  455/012.100; 455/013.100
IC       [6]
         ICM: G01S005-02
EXF      342/357; 342/352; 342/359; 455/12.1; 455/13.1

L5    ANSWER 52 OF 58  USPATFULL
AN       95:30361  USPATFULL
TI       Satellite based acknowledge-back paging system
IN       Schwendeman, Robert J., Pompano Beach, FL, United States
         Kuznicki, William J., Coral Springs, FL, United States
PA       Motorola, Inc., Schaumburg, IL, United States (U.S. corporation)
PI       US 5404569              19950404
AI       US 1993-160315          19931202 (8)
RLI      Continuation of Ser. No. US 1993-77257, filed on 17 Jun 1993 which is a
         continuation of Ser. No. US 1989-450707, filed on 14 Dec 1989, now
         abandoned
DT       Utility
FS       Granted
LN.CNT 949
INCL     INCLM: 455/013.400
         INCLS: 455/013.100; 455/033.100; 455/034.100; 455/056.100; 340/825.440
NCL      NCLM:  340/007.220
         NCLS:  340/007.250; 340/007.550; 455/013.100; 455/427.000; 455/514.000;
                455/515.000; 455/524.000
IC       [6]
         ICM: H04B007-185
         ICS: H04Q007-02
EXF      379/56; 379/57; 379/58; 379/59; 379/60; 379/63; 371/35; 370/93;
         340/825.44; 340/825.47; 342/358; 342/353; 342/376; 455/12.1; 455/13.1;
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455/13.2; 455/13.4; 455/33.1; 455/33.2; 455/33.4; 455/34.1; 455/34.2;
455/54.1; 455/54.2; 455/56.1; 455/53.1; 455/116; 455/126; 455/127

L5   ANSWER 53 OF 58   USPATFULL
AN   95:16892 USPATFULL
TI   **Satellite** based acknowledge-back paging system
IN   Schwendeman, Robert J., Pompano Beach, FL, United States
        Kuznicki, Willam J., Coral Springs, FL, United States
PA   Motorola, Inc., Schaumburg, IL, United States (U.S. corporation)
PI   US 5392451   19950221
AI   US 1993-77257   19930617 (8)
RLI   Continuation of Ser. No. US 1989-450707, filed on 14 Dec 1989
DT   Utility
FS   Granted
LN.CNT 1146
INCL   INCLM: 455/013.100
        INCLS: 455/013.400; 455/033.100; 455/034.100; 455/034.200; 455/056.100;
               340/825.440
NCL   NCLM: 455/013.100
        NCLS: 340/007.220; 340/007.250; 455/013.400; 455/427.000; 455/514.000;
               455/515.000; 455/524.000
IC   [6]
        ICM: H04B007-185
        ICS: H04Q007-02
EXF   455/12.1; 455/13.1; 455/13.2; 455/13.4; 455/33.1; 455/33.2; 455/33.4;
        455/34.1; 455/34.2; 455/54.1; 455/54.2; 455/56.1; 455/53.1; 455/116;
        455/126; 455/127; 379/57; 379/58; 379/59; 379/60; 379/63; 340/825.44;
        340/825.47; 342/358; 342/353; 342/376; 371/35; 343/754; 370/93

L5   ANSWER 54 OF 58   USPATFULL
AN   94:29592 USPATFULL
TI   **Satellite** based global paging system
IN   Schwendeman, Robert J., Pompano Beach, FL, United States
        Kuznicki, William J., Coral Springs, FL, United States
PA   Motorola, Inc., Schaumburg, IL, United States (U.S. corporation)
PI   US 5301354   19940405
AI   US 1993-14593   19930208 (8)
RLI   Continuation of Ser. No. US 1989-444187, filed on 30 Nov 1989, now
        patented, Pat. No. US 5239670
DT   Utility
FS   Granted
LN.CNT 833
INCL   INCLM: 455/013.100
        INCLS: 455/033.100; 455/054.100; 455/056.100; 340/825.440
NCL   NCLM: 455/013.100
        NCLS: 340/007.250; 340/007.260; 340/007.270; 455/430.000
IC   [5]
        ICM: H04B007-185
        ICS: H04B007-195; H04Q007-02
EXF   455/12.1; 455/13.1; 455/13.2; 455/13.3; 455/13.4; 455/15; 455/25;
        455/33.1; 455/33.2; 455/33.3; 455/53.1; 455/54.1; 455/54.2; 455/56.1;
        379/58; 379/59; 379/60; 379/63; 370/104.1; 370/70; 370/94.1; 342/376;
        342/356; 342/357; 340/825.44; 340/825.47; 371/35

L5   ANSWER 55 OF 58   USPATFULL
AN   94:14332 USPATFULL
TI   Global **satellite** communication system with geographic protocol
        conversion
IN   Davis, Walter L., Coral Springs, FL, United States
        Macnak, Philip P., West Palm Beach, FL, United States
PA   Motorola, Inc., Schaumburg, IL, United States (U.S. corporation)
PI   US 5287541   19940215
AI   US 1991-685808   19910415 (7)
RLI   Continuation-in-part of Ser. No. US 1989-431105, filed on 3 Nov 1989,

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                     now patented, Pat. No. US 5008952
DT      Utility
FS      Granted
LN.CNT  1155
INCL    INCLM: 455/012.100
        INCLS: 455/013.100; 455/033.100
NCL     NCLM:  455/427.000
        NCLS:  455/012.100; 455/013.100
IC      [5]
        ICM: H04B007-185
EXF     455/12.1; 455/13.1; 455/13.2; 455/13.3; 455/33.1; 455/33.3; 455/56.1;
        379/59


L5      ANSWER 56 OF 58  USPATFULL
AN      93:70589  USPATFULL
TI      Satellite based global paging system
IN      Schwendeman, Robert J., Pompano Beach, FL, United States
        Kuznicki, William J., Coral Springs, FL, United States
PA      Motorola, Inc., Schaumburg, IL, United States (U.S. corporation)
PI      US 5239670              19930824
AI      US 1989-444187          19891130 (7)
DT      Utility
FS      Granted
LN.CNT  965
INCL    INCLM: 455/013.100
        INCLS: 455/013.400; 455/033.100; 455/034.100; 455/034.200; 455/056.100;
               340/825.440
NCL     NCLM:  340/007.200
        NCLS:  455/013.100; 455/013.400; 455/430.000
IC      [5]
        ICM: H04B007-185
        ICS: H04B007-195; H04Q007-02
EXF     455/12; 455/13; 455/33; 455/34; 455/56; 455/12.1; 455/13.1; 455/13.4;
        455/33.1; 455/33.2; 455/33.3; 455/33.4; 455/53.1; 455/54.1; 455/54.2;
        455/56.1; 455/62; 455/34.1; 455/34.2; 379/58; 379/59; 379/60; 379/63;
        340/825.44; 340/825.47; 340/825.49


L5      ANSWER 57 OF 58  USPATFULL
AN      91:32686  USPATFULL
TI      Satellite based simulcast paging system
IN      Schwendeman, Robert J., Pompano Beach, FL, United States
        Kuznicki, William J., Coral Springs, FL, United States
PA      Motorola, Inc., Schaumburg, IL, United States (U.S. corporation)
PI      US 5010317              19910423
AI      US 1989-444457          19891130 (7)
DT      Utility
FS      Granted
LN.CNT  578
INCL    INCLM: 340/311.100
        INCLS: 340/825.440; 340/825.460; 455/007.000; 455/012.000; 455/013.000
NCL     NCLM:  340/007.260
        NCLS:  455/007.000; 455/012.100; 455/013.200
IC      [5]
        ICM: H04Q001-30
EXF     340/311.1; 340/825.44; 340/825.46; 455/7; 455/12; 455/13


L5      ANSWER 58 OF 58  USPATFULL
AN      91:31173  USPATFULL
TI      Global satellite communication system with geographic protocol
        conversion
IN      Davis, Walter L., Coral Springs, FL, United States
        Macnak, Philip P., West Palm Beach, FL, United States
PA      Motorola, Inc., Schaumburg, IL, United States (U.S. corporation)
PI      US 5008952              19910416
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AI      US 1989-431105           19891103 (7)
DT      Utility
FS      Granted
LN.CNT  1077
INCL    INCLM: 455/012.000
        INCLS: 455/033.000; 340/825.440
NCL     NCLM:  455/427.000
        NCLS:  340/007.270; 340/007.430; 455/012.100; 455/458.000
IC      [5]
        ICM: H04B007-185
EXF     455/12; 455/13; 455/32; 455/33; 358/140; 340/824.44; 342/350; 342/354;
        342/355; 342/356; 370/13.1; 370/16
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